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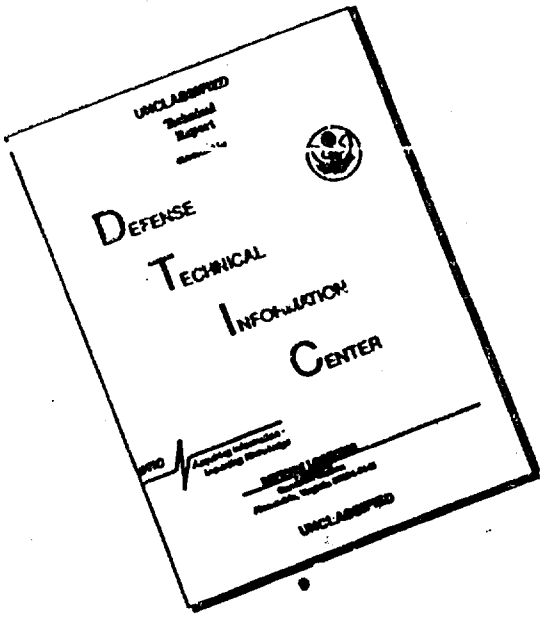


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AD-A240 998

# DATA PROCESSING BRANCH
# USAFETAC
## Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MAXWELL AFB AL — MSC #722265
N 32 23 W 086 22 ELEV: 168 FT — MXF

PARTS A - F HOURS SUMMARIZED: 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 61 - DEC 70
SUMMARY OF DAY DATA: FEB 37 - DEC 41, SEP 42 - DEC 70

TIME CONVERSION GMT TO LST: - 6 — 30 DEC 1985

FEDERAL BUILDING
ASHEVILLE, N. C.

"Approved for public release;
Distribution Unlimited."

**REVIEW AND APPROVAL STATEMENT**

USAFETAC/DS-91/122, Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Maxwell AFB, AL, has been reviewed and is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific and Technical Information
Program Manager

**REPORT DOCUMENTATION PAGE**

2. Report Date: Dec 1985

3. Report Type and Dates Covered: Data Summary (RUSSWO) Feb 37-Dec 70

4. Title: Revised Uniform Summary of Surface Weather Observations for Maxwell AFB, AL, MSC 722265

7. Performing Organization Name and Address: Operating Location A, USAF Environmental Technical Applications Center (OL-A, USAFETAC), Federal Building, Asheville, NC 28801-2723

8. Performing Organization Report Number: USAFETAC/DS--91/122

12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.

13. Abstract: A Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Maxwell AFB, AL. See USAFETAC/TN-83/001 (AD-132186) for a complete decription of the RUSSWO and its contents, as well as instructions for use.

14. Subject Terms: CLIMATOLOGY, WEATHER, WEATHER STATIONS, WEATHER OBSERVATIONS, STATISTICS, METEOROLOGICAL PHENOMENA, ATMOSPHERIC PHENOMENA, ATMOSPHERIC PRESSURE, PRECIPITATION, VISIBILITY, WIND, CLOUD, CLOUD CEILING, SKY COVER, PSYCHROMETRIC DATA, TEMPERATURE, RELATIVE HUMIDITY, MAXWELL, ALABAMA

15. Number of Pages: 398

17. Security Classification of Report: Unclassified

18. Security Classification of this Page: Unclassified

19. Security Classification of Abstract: Unclassified

20. Limitation of Abstract: UL

Standard Form 298

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

# LIMITED SURFACE OBSERVATIONS
## CLIMATIC SUMMARIES
## (LISOCS)

DEFINITION: A RUSSWO-like set of summaries of hourly observations for the station's normal operating hours.

Hourly Observations: Those record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.

2. A brief description preceeds each summary.

3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.

4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.

5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents:

AWS Form 2 "Station History"
Part 1: Weather Conditions
Part 2: Surface Winds
Part 3: Ceiling Versus Visibility; Sky Cover
Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures; Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

| | |
|---|---|
| 0000-0200 | 1200-1400 |
| 0300-0500 | 1500-1700 |
| 0600-0800 | 1800-2000 |
| 0900-1100 | 2100-2300 |

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV. (FT) | CALL SIGN | WMO NUMBER |
|---|---|---|---|---|---|---|
| 722265 | MAXWELL AFB ALABAMA/MONTGOMERY | N 32 23 | W 086 22 | 168 | MXF | - |

# STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION FROM | AT THIS LOCATION TO | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL HGT FT STATION (FT) | ELEVATION ABOVE MSL HGT FT TYPE BAROMETER | OBS PER DAY |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Maxwell Fld, Alabama | AAF | Jan 37 | Dec 41 | N 32 23 | W 086 21 | 172 | 175 | 24 |
| 2 | Same | Same | Sep 42 | May 48 | N 32 24 | Same | Same | Same | 24 |
| 3 | Maxwell AFB, Alabama | AFB | Jun 48 | Mar 54 | N 32 23 | Same | 176 | Same | 24 |
| 4 | Same | Same | Apr 54 | Apr 57 | Same | Same | Same | 211 | 24 |
| 5 | Same | Same | May 57 | 20 Mar 58 | Same | Same | Same | 245 | 24 |
| 6 | Same | Same | 21 Mar 58 | Feb 68 | Same | W 086 22 | Same | 174 | 24 |
| 7 | Same | Same | Mar 68 | Feb 69 | Same | Same | Same | Same | 24 |
| 8 | Same | Same | Mar 69 | Mar 72 | Same | Same | 179 | Same | 24 |
| 9 | Same | Same | Apr 72 | Dec 72 | Same | Same | Same | Same | 17 |
| 10 | Same | Same | Feb 76 | Oct 76 | Oct 76 | Same | 169 | Same | 18 |
| 11 | Same | Same | Nov 76 | Feb 78 | Same | Same | Same | 175 | 17 |
| 12 | Same | Same | Mar 78 | Jan 82 | Same | Same | Same | Same | 18 |
| 13 | Same | Same | Feb 82 | Aug 84 | Same | Same | 168 | Same | 18 |
| 14 | Same | Same | Sep 84 | Dec 84 | Same | Same | Same | 176.1 | 18 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION: LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| 1 | Jan 37to Dec 41 | Located on the Tower Bldg. | Anemometer | N/A | 60 Ft | |
| 2 | Sep 42to May 48 | Same | Selsyn | ML-144 | Same | |
| 3 | Jun 48to Feb 54 | Located 200 ft S of Weather Station. | Same | Same | 45 Ft | |
| 4 | Mar 54to Feb 55 | Located on top of Bldg adjacent to Weather Station. | Same | Same | 29 Ft | |
| 5 | Mar 55to Feb 57 | Located on Hangar S of Base Operations. | Same | Same | 80 Ft | |
| 6 | Mar 57to Apr 62 | Located in Base Control Tower. | Same | Same | 78 Ft | |

CONTINUED ON REVERSE SIDE

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT. ABOVE GROUND | |
| 7 | May 62to Aug 62 | Located 750 ft from the end and 500 ft E of Rnwy 14. | AN/GMQ-11 | RO-2 | 13 Ft | |
| 8 | Sep 62to Feb 64 | Located 950 ft N of Rnwy 14,450 ft S from Taxiway A. | Same | Same | 12 Ft | |
| 9 | Mar 64to Sep 70 | Located 750 ft from the end and 500 ft E of Rnwy 14. | Same | Same | 13 Ft | |
| 10 | Oct 70to Dec 72 | Located 1000 ft ENE of centerline, 1550 ft from end of Rnwy 14. | Same | Same | Same | |
| 11 | Jul 78 to Mar 84 | Located 1000 Ft ENE of centerline, 1550 Ft from end of Runway 15. | Same | RO362 | Same | |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WEATHER CONDITIONS

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PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

Thunderstorms--All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle--All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze)--Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets)--Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

Percentage of observations with precipitation--Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sum of the individual categories may exceed the percentage of the observations with precip.

Fog--Included are fog, ice fog, and ground fog.

Smoke and/or haze--Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow--Occurrences of blowing snow.

Dust and/or sand--Included are blowing dust, blowing sand, and dust.

Blowing spray--This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision--Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .05 percent.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722265 STATION | MAXWELL AFB AL STATION NAME | 76-85 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST. TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | 00-02 | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | |
| | 06-08 | .4 | 11.6 | .4 | .9 | | 12.7 | 32.6 | 5.7 | | | 36.6 | 794 |
| | 09-11 | | 11.7 | .2 | 1.5 | | 13.4 | 21.3 | 11.1 | | | 30.4 | 888 |
| | 12-14 | | 9.7 | .1 | .8 | .1 | 10.4 | 12.7 | 6.3 | | | 18.4 | 890 |
| | 15-17 | | 11.6 | .3 | .8 | | 12.7 | 12.1 | 5.0 | | | 16.5 | 887 |
| | 18-20 | .1 | 11.7 | .6 | .7 | .1 | 13.1 | 13.2 | 3.9 | | | 16.6 | 881 |
| | 21-23 | .1 | 10.5 | .6 | .3 | | 11.4 | 13.8 | 2.7 | | | 16.4 | 878 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 11.1 | .4 | .6 | .0 | 12.3 | 17.6 | 5.8 | | | 22.5 | 5218 |

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# WEATHER CONDITIONS

722265 STATION | MAXWELL AFB AL STATION NAME | 76-85 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB | 00-02 | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | |
| | 06-08 | .8 | 10.7 | | .3 | | 11.0 | 27.8 | 11.2 | | .5 | 37.0 | 765 |
| | 09-11 | 1.2 | 10.4 | | .4 | | 10.7 | 15.5 | 13.9 | | .7 | 28.4 | 849 |
| | 12-14 | .9 | 9.5 | | .2 | | 9.8 | 9.4 | 5.7 | | .7 | 15.7 | 849 |
| | 15-17 | 1.3 | 10.2 | | .1 | | 10.3 | 9.9 | 5.5 | | .6 | 15.7 | 847 |
| | 18-20 | 1.9 | 11.4 | | .4 | .2 | 11.9 | 9.8 | 5.6 | | .4 | 15.6 | 840 |
| | 21-23 | 1.8 | 10.6 | | .4 | | 11.0 | 11.4 | 4.4 | | .4 | 14.9 | 839 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.3 | 10.5 | | .3 | .0 | 10.8 | 14.0 | 7.7 | | .6 | 21.2 | 4989 |

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# WEATHER CONDITIONS

722265 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAR | 00-02 | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | |
| | 06-08 | .8 | 8.3 | | .5 | | 8.6 | 28.3 | 13.9 | | | 37.6 | 869 |
| | 09-11 | 1.1 | 9.5 | | .3 | | 9.8 | 11.0 | 11.2 | | | 20.9 | 930 |
| | 12-14 | 1.5 | 8.4 | | .3 | | 8.7 | 6.6 | 4.2 | | .5 | 11.1 | 930 |
| | 15-17 | 2.9 | 9.9 | | .3 | | 10.2 | 5.9 | 3.0 | | .4 | 9.9 | 930 |
| | 18-20 | 2.0 | 10.7 | .1 | | | 10.8 | 6.2 | 2.3 | | .1 | 8.2 | 923 |
| | 21-23 | 1.2 | 10.6 | .3 | | | 11.0 | 8.8 | 1.6 | | | 10.1 | 868 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.6 | 9.6 | .1 | .3 | | 9.9 | 11.1 | 6.2 | | .2 | 16.3 | 8446 |

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AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

72226 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APR | 00-02 | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | |
| | 06-08 | 1.8 | 7.8 | | | | 7.8 | 23.9 | 16.1 | | .1 | 33.0 | 855 |
| | 09-11 | 1.3 | 5.9 | | | | 6.9 | 6.6 | 12.1 | | .3 | 17.1 | 849 |
| | 12-14 | 1.4 | 7.6 | | | | 7.6 | 2.9 | 5.2 | | .2 | 8.1 | 900 |
| | 15-17 | 1.7 | 6.3 | | | | 6.3 | 1.8 | 3.8 | | .3 | 5.7 | 900 |
| | 18-20 | 2.2 | 5.9 | | | | 5.9 | 3.2 | 3.1 | | .2 | 6.5 | 881 |
| | 21-23 | 2.6 | 7.4 | | | | 7.4 | 3.5 | 3.0 | | | 6.1 | 771 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.8 | 6.9 | | | | 6.8 | 7.0 | 7.2 | | .2 | 12.9 | 5206 |

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# WEATHER CONDITIONS

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | 00-02 | | | | | | | | | | | | |
| | 03-05 | .9 | 4.1 | | | | 4.1 | 50.2 | 21.0 | | | 59.4 | 219 |
| | 06-08 | 1.0 | 5.9 | | | | 5.9 | 27.7 | 32.3 | | | 60.2 | 930 |
| | 09-11 | 1.6 | 5.9 | | | | 5.9 | 3.4 | 21.8 | | | 24.2 | 930 |
| | 12-14 | 2.9 | 5.9 | | | | 5.9 | 1.2 | 13.7 | | | 14.6 | 930 |
| | 15-17 | 2.8 | 6.8 | | | .1 | 6.8 | .9 | 12.0 | | .1 | 13.0 | 930 |
| | 18-20 | 2.8 | 5.4 | | | | 5.4 | 1.5 | 12.0 | | | 13.5 | 919 |
| | 21-23 | .8 | 4.5 | | | | 4.5 | 2.3 | 7.9 | | | 10.1 | 606 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.8 | 5.5 | | | .0 | 5.5 | 12.5 | 17.2 | | .0 | 26.4 | 5464 |

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# WEATHER CONDITIONS

72265 MAXWELL AFB AL 75-84 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN | 00-02 | | | | | | | | | | | | |
| | 03-05 | | 2.8 | | | | 2.8 | 52.3 | 42.1 | | | 70.6 | 214 |
| | 06-08 | .2 | 2.1 | | | | 2.1 | 25.3 | 44.7 | | | 55.3 | 891 |
| | 09-11 | .9 | 2.9 | | | | 2.9 | 2.0 | 24.9 | | | 26.2 | 891 |
| | 12-14 | 3.9 | 5.2 | | | | 5.2 | .6 | 14.5 | | | 15.0 | 891 |
| | 15-17 | 8.0 | 7.2 | | | | 7.2 | .2 | 12.5 | | | 12.7 | 891 |
| | 18-20 | 4.5 | 6.1 | | | | 6.1 | .1 | 12.7 | | .2 | 13.0 | 891 |
| | 21-23 | 2.2 | 3.0 | | | | 3.0 | .7 | 8.1 | | | 8.6 | 594 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.8 | 4.2 | | | | 4.2 | 11.6 | 22.8 | | .0 | 28.8 | 5263 |

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GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

722265 STATION — MAXWELL AFB AL STATION NAME — 75-84 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 00-02 | | | | | | | | | | | | |
| | 03-05 | | 1.8 | | | | 1.8 | 56.0 | 51.8 | | | 77.1 | 218 |
| | 06-08 | .6 | 3.9 | | | | 3.9 | 29.2 | 51.1 | | | 62.8 | 930 |
| | 09-11 | 1.4 | 4.2 | | | | 4.2 | 4.4 | 33.1 | | | 35.4 | 930 |
| | 12-14 | 6.0 | 6.7 | | | | 6.7 | 1.4 | 23.0 | | | 24.1 | 926 |
| | 15-17 | 10.0 | 9.4 | | | | 9.4 | 1.1 | 20.9 | | | 21.7 | 918 |
| | 18-20 | 7.7 | 9.0 | | | | 9.0 | 1.4 | 20.0 | | | 20.8 | 909 |
| | 21-23 | 4.3 | 6.8 | | | | 6.8 | 2.6 | 16.5 | | | 18.3 | 606 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 4.3 | 6.0 | | | | 6.0 | 13.7 | 30.9 | | | 37.2 | 5435 |

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG | 00-02 | | | | | | | | | | | | |
| | 03-05 | .5 | 2.3 | | | | 2.3 | 65.8 | 39.3 | | | 79.0 | 219 |
| | 06-08 | .4 | 2.0 | | | | 2.0 | 37.6 | 49.9 | | | 66.5 | 930 |
| | 09-11 | .5 | 1.7 | | | | 1.7 | 3.7 | 35.6 | | | 37.3 | 930 |
| | 12-14 | 3.5 | 4.7 | | | | 4.7 | .8 | 25.2 | | | 25.8 | 930 |
| | 15-17 | 7.1 | 6.9 | | | | 6.9 | .4 | 23.2 | | | 23.7 | 930 |
| | 18-20 | 4.4 | 6.4 | | | | 6.4 | 2.3 | 22.2 | | | 23.8 | 929 |
| | 21-23 | 1.1 | 3.4 | | | | 3.4 | 3.5 | 21.0 | | | 23.1 | 620 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.5 | 3.9 | | | | 3.9 | 16.3 | 30.9 | | | 39.9 | 5488 |

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP | 00-02 | | | | | | | | | | | | |
| | 03-05 | | 5.7 | | | | 5.7 | 46.7 | 40.6 | | | 64.6 | 312 |
| | 06-08 | | 4.7 | | | | 4.7 | 37.0 | 39.6 | | | 59.3 | 900 |
| | 09-11 | .1 | 4.8 | | | | 4.8 | 5.6 | 30.4 | | | 34.1 | 900 |
| | 12-14 | 1.9 | 7.4 | | | | 7.4 | 2.1 | 14.3 | | | 16.2 | 900 |
| | 15-17 | 3.2 | 6.9 | | | | 6.9 | 1.3 | 13.9 | | | 15.2 | 900 |
| | 18-20 | 2.8 | 6.1 | | | | 6.1 | 3.2 | 16.8 | | | 19.7 | 899 |
| | 21-23 | 1.2 | 4.7 | | | | 4.7 | 4.2 | 15.3 | | | 18.8 | 600 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.3 | 5.8 | | | | 5.8 | 14.3 | 24.4 | | | 32.6 | 5311 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722265 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT | 00-02 | | | | | | | | | | | | |
| | 03-05 | | 2.6 | | | | 2.6 | 36.6 | 8.8 | | | 40.2 | 194 |
| | 06-08 | .1 | 4.7 | | | | 4.7 | 36.5 | 21.6 | | | 48.8 | 918 |
| | 09-11 | .4 | 4.9 | | | | 4.9 | 8.4 | 16.9 | | | 22.9 | 927 |
| | 12-14 | .4 | 3.8 | | | | 3.8 | 2.8 | 6.1 | | | 8.4 | 927 |
| | 15-17 | .9 | 4.1 | | | | 4.1 | 2.8 | 3.7 | | | 6.3 | 927 |
| | 18-20 | .5 | 4.0 | | | | 4.0 | 3.8 | 3.7 | | | 7.2 | 927 |
| | 21-23 | .5 | 4.6 | | | | 4.6 | 4.9 | 3.0 | | | 7.6 | 628 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 4.1 | | | | 4.1 | 13.7 | 9.1 | | | 20.2 | 5448 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722265 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | 00-02 | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | |
| | 06-08 | | 8.5 | | | | 8.5 | 33.8 | 12.9 | | | 42.7 | 813 |
| | 09-11 | .1 | 8.0 | | | | 8.0 | 12.5 | 14.5 | | | 25.2 | 897 |
| | 12-14 | .1 | 8.8 | | | | 8.8 | 4.5 | 5.9 | | | 9.8 | 897 |
| | 15-17 | .4 | 8.8 | | | | 8.8 | 7.1 | 2.9 | | | 9.8 | 897 |
| | 18-20 | .4 | 8.7 | | | | 8.7 | 7.2 | 1.8 | | | 9.0 | 897 |
| | 21-23 | .3 | 8.1 | | | | 8.1 | 9.2 | 2.7 | | | 11.5 | 896 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 8.5 | | | | 8.5 | 12.4 | 6.8 | | | 18.0 | 5297 |

USAFETAC FORM JULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST. TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEC | 00-02 | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | |
| | 06-08 | .4 | 8.9 | .1 | | | 9.0 | 26.1 | 4.7 | | | 29.4 | 697 |
| | 09-11 | .1 | 7.6 | | | | 7.6 | 13.0 | 8.3 | | | 19.9 | 843 |
| | 12-14 | .4 | 9.3 | | | | 9.3 | 7.6 | 2.7 | | .2 | 10.5 | 837 |
| | 15-17 | .4 | 8.5 | | | | 8.5 | 7.0 | 2.8 | | .1 | 9.3 | 816 |
| | 18-20 | .5 | 9.1 | | | | 9.1 | 6.5 | 1.9 | | | 7.9 | 772 |
| | 21-23 | .1 | 8.9 | | | | 8.9 | 7.6 | 2.4 | | .3 | 9.9 | 761 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 8.7 | .0 | | | 8.7 | 11.3 | 3.8 | | .1 | 14.5 | 4726 |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SURFACE WINDS

2

PART 2

Presented in this part are various tabulations of surface winds as follows:

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

These tables are prepared for all years combined, by month by available 3-hour groups.

A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 76-85 | JAN |

CLASS: ALL WEATHER

HOURS (L.S.T.): 0560-0800

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | 3.1 | 1.9 | .1 | | | | | | | | 7.7 | 5.0 |
| NNE | 1.4 | 2.9 | .6 | | | | | | | | | 7.5 | 3.5 |
| NE | 3.8 | 1.4 | .6 | | | | | | | | | 5.8 | 3.4 |
| ENE | 2.0 | 2.6 | .3 | .1 | | | | | | | | 5.3 | 4.3 |
| E | 2.1 | 2.4 | 1.5 | .1 | | | | | | | | 6.4 | 5.2 |
| ESE | .9 | .4 | .5 | | | | | | | | | 1.8 | 4.4 |
| SE | .1 | .6 | .3 | | | | | | | | | 1.0 | 4.8 |
| SSE | .9 | .5 | | .3 | | | | | | | | 1.6 | 4.8 |
| S | 1.0 | 1.4 | .1 | | | | | | | | | 2.5 | 4.0 |
| SSW | .9 | .4 | .5 | .1 | | | | | | | | 1.9 | 4.9 |
| SW | .9 | | | .1 | | | | | | | | 1.0 | 3.5 |
| WSW | 1.5 | .1 | | | | | | | | | | 1.6 | 2.1 |
| W | 3.4 | 1.5 | 1.5 | 1.0 | | | | | | | | 7.7 | 5.3 |
| WNW | 2.3 | 2.6 | 1.8 | .8 | | | | | | | | 7.9 | 5.3 |
| NW | .9 | 2.1 | 1.9 | 1.8 | | | | | | | | 6.7 | 7.4 |
| NNW | 1.5 | 2.4 | 1.6 | 1.5 | | | | | | | | 7.1 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.4 | |
| | 30.0 | 24.8 | 13.9 | 5.9 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 794

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 72225 | MAXWELL AFB AL | 76-85 | JAN |

CLASS: ALL WEATHER

HOURS (L.S.T.): 0900-1100

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 3.6 | 3.2 | .8 | | | | | | | | 9.8 | 6.1 |
| NNE | 1.8 | 3.0 | .8 | .1 | | | | | | | | 5.7 | 4.4 |
| NE | 3.6 | 3.5 | .9 | | | | | | | | | 7.9 | 3.8 |
| ENE | 2.6 | 2.7 | .9 | | | | | | | | | 6.2 | 4.0 |
| E | 2.6 | 3.6 | 2.4 | .1 | | | | | | | | 8.7 | 5.1 |
| ESE | 1.1 | 1.4 | 1.1 | | | | | | | | | 3.6 | 5.4 |
| SE | .6 | .8 | .7 | | | | | | | | | 1.8 | 5.8 |
| SSE | .2 | .6 | .7 | .1 | | | | | | | | 2.3 | 5.0 |
| S | 1.2 | .7 | .9 | .1 | | | | | | | | 2.9 | 5.3 |
| SSW | 1.0 | 1.9 | .6 | .2 | | | | | | | | 3.7 | 5.2 |
| SW | 1.0 | 1.1 | .6 | | | | | | | | | 2.7 | 4.4 |
| WSW | 1.8 | 1.8 | .3 | .1 | | | | | | | | 4.1 | 4.3 |
| W | 1.7 | 3.5 | 2.3 | 1.0 | | | | | | | | 8.4 | 6.3 |
| WNW | 1.2 | 1.7 | 1.5 | .9 | .1 | | | | | | | 5.4 | 7.2 |
| NW | 1.5 | 2.1 | 2.1 | 2.3 | .1 | | | | | | | 8.1 | 7.9 |
| NNW | 2.0 | 2.7 | 2.1 | 1.6 | | | | | | | | 8.4 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.2 | |
| | 26.2 | 34.5 | 20.9 | 7.3 | .2 | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 888

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1994

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722265 (STATION) MAXWELL AFB AL (STATION NAME) | 76-85 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 3.3 | 2.7 | .2 | | | | | | | | 8.0 | 5.2 |
| NNE | 1.9 | 3.1 | .6 | | | | | | | | | 5.6 | 4.5 |
| NE | 1.5 | 1.1 | .2 | | | | | | | | | 2.8 | 3.8 |
| ENE | 3.4 | 1.7 | .7 | .1 | | | | | | | | 5.8 | 3.7 |
| E | 1.7 | 2.0 | 1.9 | .1 | | | | | | | | 5.7 | 5.3 |
| ESE | 1.1 | 2.4 | .6 | | | | | | | | | 4.0 | 4.8 |
| SE | .8 | .7 | .7 | .1 | | | | | | | | 2.2 | 5.5 |
| SSE | .7 | 1.0 | 1.0 | .4 | | | | | | | | 3.1 | 6.5 |
| S | .7 | 1.3 | 1.1 | .7 | | | | | | | | 3.8 | 6.8 |
| SSW | .8 | 1.0 | .9 | .1 | .1 | | | | | | | 2.9 | 6.2 |
| SW | 1.1 | 1.3 | 1.0 | .6 | | | | | | | | 4.0 | 6.3 |
| WSW | 1.8 | 2.6 | 2.0 | .9 | | | | | | | | 7.3 | 6.0 |
| W | 2.5 | 4.0 | 3.0 | 1.6 | | | | | | | | 11.1 | 6.5 |
| WNW | .9 | 2.6 | 2.6 | 2.1 | | | | | | | | 8.2 | 8.0 |
| NW | 1.6 | 2.6 | 2.8 | 2.2 | .1 | | | | | | | 9.3 | 7.6 |
| NNW | 1.5 | 2.6 | 3.0 | 1.2 | | | | | | | | 8.3 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.3 | |
| | 24.6 | 33.4 | 25.1 | 10.4 | .2 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 890

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72302.5 — STATION
MAXWELL AFB AL — STATION NAME
76-05 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.4 | 3.7 | 1.6 | .3 | | | | | | | | 8.7 | 6.4 |
| NNE | 3.3 | 1.4 | .2 | | | | | | | | | 4.9 | 3.1 |
| NE | 2.0 | .3 | .1 | | | | | | | | | 2.4 | 2.[illegible] |
| ENE | 2.6 | 1.4 | .7 | | | | | | | | | 4.5 | 3.7 |
| E | 1.6 | 2.7 | 1.5 | .3 | | | | | | | | 6.1 | 5.4 |
| ESE | .3 | 1.7 | .7 | | | | | | | | | 2.8 | 6.4 |
| SE | .6 | .4 | .3 | | | | | | | | | 1.4 | 4.4 |
| SSE | .7 | .5 | .2 | .6 | | | | | | | | 1.4 | 7.[illegible] |
| S | 1.1 | 1.5 | 1.0 | .3 | | | | | | | | 3.9 | 6.6 |
| SSW | 1.8 | 1.1 | .4 | .2 | | | | | | | | 3.0 | 5.[illegible] |
| SW | .7 | 1.4 | .5 | .6 | | | | | | | | 3.2 | 6.1 |
| WSW | 2.6 | 2.5 | 1.8 | | | | | | | | | 6.9 | 4.4 |
| W | 2.1 | 4.3 | 3.5 | 1.0 | | | | | | | | 10.9 | 6.4 |
| WNW | 2.1 | 2.0 | 3.3 | 1.7 | .1 | | | | | | | 9.[illegible] | 7.5 |
| NW | 1.7 | 2.1 | 3.3 | 2.4 | | | | | | | | 9.5 | 7.4 |
| NNW | 1.4 | 2.0 | 2.4 | 1.7 | | | | | | | | 8.3 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.0 | |
| | 27.6 | 30.7 | 21.0 | 6.1 | .1 | | | | | | | 100.0 | 6.[illegible] |

TOTAL NUMBER OF OBSERVATIONS 987

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] (STATION) MAXWELL AFB AL (STATION NAME) 70-80 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) [illegible] (HOURS (G.M.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.7 | 4.0 | .9 | .9 | | | | | | | | [illegible] | [illegible] |
| NNE | 1.4 | 1.2 | .1 | | | | | | | | | [illegible] | [illegible] |
| NE | 1.4 | .5 | .3 | | | | | | | | | [illegible] | [illegible] |
| ENE | 1.1 | .9 | .7 | | | | | | | | | [illegible] | [illegible] |
| E | 1.7 | 2.8 | .7 | .6 | | | | | | | | [illegible] | [illegible] |
| ESE | .6 | 1.2 | .2 | .2 | | | | | | | | [illegible] | [illegible] |
| SE | .3 | 1.0 | .2 | .2 | | | | | | | | [illegible] | [illegible] |
| SSE | .7 | .8 | | .2 | | | | | | | | [illegible] | [illegible] |
| S | 2.5 | 1.0 | .3 | .1 | | | | | | | | [illegible] | [illegible] |
| SSW | 1.0 | 1.2 | .6 | | | | | | | | | [illegible] | [illegible] |
| SW | 1.4 | .1 | | | | | | | | | | [illegible] | [illegible] |
| WSW | 1.1 | 1.2 | | | | | | | | | | [illegible] | [illegible] |
| W | 3.4 | 3.4 | .2 | | .1 | .2 | | | | | | [illegible] | [illegible] |
| WNW | 3.0 | 2.7 | 2.7 | .7 | | | | | | | | [illegible] | [illegible] |
| NW | 1.7 | 1.0 | 2.7 | 1.2 | .2 | | | | | | | [illegible] | [illegible] |
| NNW | 2.3 | 2.5 | .9 | 1.1 | .1 | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | 27.3 | 28.8 | 11.1 | 5.3 | .8 | .2 | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

~~72215~~ STATION ~~MAXWELL AFB AL~~ STATION NAME ~~76-85~~ YEARS ~~JAN~~ MONTH

ALL WEATHER CLASS ~~0101-2300~~ HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.0 | 2.5 | 2.5 | .8 | | | | | | | | 9.8 | 5.8 |
| NNE | 3.4 | 1.3 | .1 | | | | | | | | | 4.8 | 3.0 |
| NE | 1.7 | .9 | .1 | | | | | | | | | 2.7 | 4.1 |
| ENE | 1.5 | .9 | .7 | | | | | | | | | 3.1 | 4.0 |
| E | 1.6 | 3.2 | 1.6 | .5 | | | | | | | | 6.9 | 6.6 |
| ESE | .8 | 1.4 | .7 | | | | | | | | | 2.8 | 5.1 |
| SE | .5 | .8 | .5 | .1 | | | | | | | | 1.9 | 5.8 |
| SSE | .7 | .8 | .5 | .1 | .1 | | | | | | | 2.2 | 5.4 |
| S | 1.1 | 1.5 | .2 | | | | | | | | | 2.8 | 4.5 |
| SSW | 1.1 | 1.4 | .5 | .1 | | | | | | | | 3.1 | 4.7 |
| SW | 1.1 | .6 | .1 | | | | | | | | | 1.8 | 3.4 |
| WSW | 1.1 | .1 | .3 | | | | | | | | | 1.6 | 3.5 |
| W | 2.5 | 2.1 | .3 | .5 | | | | | | | | 4.8 | 4.5 |
| WNW | 3.5 | 1.6 | 2.5 | .3 | .1 | | | | | | | 8.0 | 5.8 |
| NW | 1.4 | 2.1 | 1.2 | .7 | .2 | | | | | | | 6.3 | 5.4 |
| NNW | 2.7 | 1.9 | 1.6 | 1.5 | .1 | | | | | | | 8.1 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.4 | |
| | 29.2 | 23.1 | 14.4 | 4.6 | .4 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 478

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
0400-0500 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 3.8 | 1.7 | .1 | | | | | | | | 8.4 | 4.4 |
| NNE | 5.4 | 3.3 | .5 | .1 | | | | | | | | 9.3 | 3.8 |
| NE | 3.7 | 2.5 | .8 | .1 | | | | | | | | 6.7 | 3.5 |
| ENE | 3.4 | 2.6 | .9 | | | | | | | | | 6.9 | 4.0 |
| E | 2.9 | 2.5 | 2.0 | 1.2 | | | | | | | | 7.6 | 5.2 |
| ESE | .9 | .1 | .1 | | | | | | | | | 1.2 | 3.7 |
| SE | | .4 | .4 | .1 | .1 | | | | | | | 1.0 | 4.1 |
| SSE | .7 | 1.2 | .3 | | | | | | | | | 2.1 | 4.4 |
| S | .4 | 1.6 | .7 | | | | | | | | | 2.1 | 4.7 |
| SSW | .8 | .9 | .3 | | | | | | | | | 2.0 | 4.2 |
| SW | 1.4 | .5 | .1 | | | | | | | | | 2.4 | 3.4 |
| WSW | 1.0 | .4 | .3 | | | | | | | | | 1.7 | 3.2 |
| W | 2.5 | 1.2 | 2.5 | .7 | | | | | | | | 6.9 | 4.2 |
| WNW | 1.8 | 2.2 | 1.2 | .7 | | | | | | | | 5.9 | 5.6 |
| NW | .3 | 1.5 | 1.4 | .4 | | .3 | | | | | | 4.4 | 7.3 |
| NNW | 2.0 | 2.0 | 1.8 | .5 | | | | | | | | 6.3 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.8 | |
| | 30.1 | 26.9 | 14.9 | 3.9 | .1 | .3 | | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS 764

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1967

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72265 — STATION
MAXWELL AFB AL — STATION NAME
76-86 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
0900-1200 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 2.6 | 3.8 | | | | | | | | | 8.7 | 5.6 |
| NNE | 3.5 | 3.5 | 1.3 | | | | | | | | | 8.4 | 4.0 |
| NE | 3.3 | 2.5 | 1.3 | .2 | | | | | | | | 7.8 | 4.5 |
| ENE | 3.7 | 2.4 | .9 | .1 | | | | | | | | 7.1 | 4.2 |
| E | 2.2 | 2.8 | 2.1 | 1.2 | | | | | | | | 8.4 | 6.0 |
| ESE | .5 | .8 | 1.1 | .4 | | | | | | | | 2.7 | 6.7 |
| SE | .7 | .5 | .8 | .2 | | | | | | | | 2.2 | 6.5 |
| SSE | .2 | .9 | .8 | .1 | | | | | | | | 2.7 | 5.3 |
| S | 1.4 | 1.1 | 1.4 | .7 | | | | | | | | 4.6 | 6.3 |
| SSW | 1.2 | 1.3 | 1.1 | .6 | .1 | | | | | | | 4.2 | 6.3 |
| SW | .6 | .9 | .7 | .5 | | | | | | | | 2.7 | 6.5 |
| WSW | .8 | 2.1 | 1.4 | .6 | | | | | | | | 4.9 | 6.1 |
| W | .5 | 2.4 | 2.5 | 1.6 | .2 | | | | | | | 7.2 | 8.5 |
| WNW | .7 | 1.4 | 1.2 | .8 | .1 | | | | | | | 4.2 | 7.8 |
| NW | 1.2 | 1.6 | 2.9 | 1.1 | | .1 | | | | | | 6.9 | 7.7 |
| NNW | 1.9 | 2.1 | 1.9 | .7 | | | | | | | | 6.5 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 25.7 | 29.0 | 35.2 | 8.8 | .5 | .1 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 440

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.8 | 3.2 | 2.1 | | .1 | | | | | | | 8.2 | 5.2 |
| NNE | 1.3 | 1.4 | 1.4 | | | | | | | | | 4.6 | 5.0 |
| NE | 1.6 | 1.5 | .7 | .1 | | | | | | | | 4.0 | 4.4 |
| ENE | 3.2 | 1.8 | .7 | .2 | | | | | | | | 5.9 | 4.1 |
| E | 2.8 | 2.6 | 1.2 | .6 | | | | | | | | 7.2 | 5.0 |
| ESE | .7 | .9 | 1.3 | .1 | .1 | | | | | | | 3.2 | 7.0 |
| SE | .4 | 1.1 | .6 | .1 | .1 | | | | | | | 2.5 | 6.4 |
| SSE | .5 | 1.5 | 1.2 | .1 | | | | | | | | 3.3 | 6.5 |
| S | 1.2 | 2.1 | 1.3 | 1.2 | | .2 | | | | | | 6.0 | 7.6 |
| SSW | .6 | 1.2 | 1.4 | 1.1 | | | | | | | | 4.1 | 7.4 |
| SW | .6 | 1.4 | 1.5 | .7 | .2 | | | | | | | 4.5 | 7.7 |
| WSW | 1.5 | 2.0 | 2.1 | .6 | | | | | | | | 6.2 | 6.5 |
| W | 1.4 | 1.8 | 5.2 | 2.9 | .1 | .2 | | | | | | 11.8 | 8.4 |
| WNW | 1.1 | 2.0 | 2.4 | 1.8 | .1 | | | | | | | 7.3 | 8.0 |
| NW | .4 | 2.2 | 2.5 | 1.1 | | | | | | | | 6.6 | 7.5 |
| NNW | 1.4 | 2.4 | 2.8 | 1.8 | | | | | | | | 8.7 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 22.6 | 29.2 | 28.6 | 12.4 | .3 | .5 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 449

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1998

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 76-85 | FEB |

CLASS: ALL WEATHER

HOURS (L.S.T.): 1500-1700

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 4.0 | 1.4 | .4 | | | | | | | | 8.1 | 5.1 |
| NNE | 2.6 | 1.9 | .6 | .1 | | | | | | | | 5.2 | 4.0 |
| NE | 1.2 | 1.8 | 1.1 | | | | | | | | | 4.0 | 4.4 |
| ENE | 2.2 | 1.3 | .4 | .4 | | | | | | | | 4.3 | 4.3 |
| E | 1.4 | 1.9 | .7 | .7 | | | | | | | | 4.7 | 5.9 |
| ESE | .5 | .7 | 1.3 | .5 | | | | | | | | 3.0 | 7.4 |
| SE | .1 | .7 | .4 | .4 | | | | | | | | 1.5 | 7.4 |
| SSE | .5 | 1.4 | .9 | .5 | .1 | | | | | | | 3.4 | 7.2 |
| S | 1.2 | 1.9 | 1.8 | .7 | | | | | | | | 5.5 | 6.6 |
| SSW | 1.5 | 1.4 | 1.1 | .7 | .1 | | | | | | | 4.8 | 6.3 |
| SW | .8 | 1.5 | 1.1 | .6 | .1 | | | | | | | 4.1 | 6.9 |
| WSW | .9 | 2.1 | 2.4 | .7 | .1 | | | | | | | 6.3 | 6.4 |
| W | 2.0 | 4.3 | 2.7 | 2.5 | .2 | | | | | | | 11.7 | 7.3 |
| WNW | 1.2 | 1.4 | 2.4 | 1.8 | | | | | | | | 6.7 | 7.4 |
| NW | .6 | 2.0 | 3.0 | .8 | | | | | | | | 6.4 | 7.7 |
| NNW | 1.7 | 2.7 | 3.1 | 1.2 | .1 | | | | | | | 8.7 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.5 | |
| | 20.8 | 31.1 | 34.1 | 11.0 | .8 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 847

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72225 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH

ALL WEATHER — CLASS
1800-2000 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.0 | 2.4 | 1.3 | .6 | | | | | | | | 8.3 | 4.4 |
| NNE | 1.3 | 1.6 | .7 | | | | | | | | | 4.0 | 4.1 |
| NE | 1.2 | 1.1 | | | | | | | | | | 2.3 | 3.4 |
| ENE | 2.3 | .7 | .6 | .4 | | | | | | | | 3.9 | 4.2 |
| E | .7 | 2.3 | 1.0 | .7 | | | | | | | | 4.6 | 6.2 |
| ESE | 1.1 | .7 | .7 | .2 | | | | | | | | 2.7 | 5.7 |
| SE | 1.0 | 1.0 | .2 | .1 | | | | | | | | 2.3 | 4.3 |
| SSE | 2.0 | 1.4 | .4 | .6 | .1 | | | | | | | 4.5 | 5.4 |
| S | 2.0 | 1.2 | 1.3 | .4 | .1 | | | | | | | 5.0 | 5.8 |
| SSW | 1.1 | 1.3 | .7 | | | | | | | | | 3.1 | 4.7 |
| SW | 1.1 | .4 | .1 | | | | | | | | | 1.5 | 3.2 |
| WSW | 2.7 | 1.0 | .1 | .2 | | | | | | | | 4.0 | 3.4 |
| W | 2.5 | 1.4 | 1.2 | .9 | | | | | | | | 6.0 | 5.7 |
| WNW | 1.4 | 1.0 | 1.2 | .7 | .1 | | | | | | | 4.9 | 6.4 |
| NW | 2.9 | 2.9 | .6 | .5 | .4 | .1 | | | | | | 7.3 | 5.4 |
| NNW | 3.2 | 2.1 | 1.4 | .4 | .1 | | | | | | | 7.3 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.2 | |
| | 31.4 | 22.3 | 11.5 | 5.6 | .8 | .1 | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 840

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1999

GLOBAL CLIMATOLOGY BRANCH
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# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 76-85 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.2 | 2.7 | 1.5 | .2 | | | | | | | | 8.7 | 4.3 |
| NNE | 2.9 | 1.3 | 1.1 | .1 | | | | | | | | 5.4 | 4.2 |
| NE | 1.3 | 1.0 | .1 | | | | | | | | | 2.4 | 3.3 |
| ENE | 1.3 | 1.7 | .9 | .1 | | | | | | | | 3.5 | 4.5 |
| E | 1.0 | 2.1 | 1.0 | .8 | | | | | | | | 4.9 | 6.5 |
| ESE | .7 | .5 | .8 | .4 | | | | | | | | 2.4 | 6.6 |
| SE | .7 | 1.2 | .4 | .1 | | | | | | | | 2.4 | 4.9 |
| SSE | 1.1 | 1.7 | .6 | .1 | .1 | .1 | | | | | | 3.7 | 5.8 |
| S | 1.8 | 2.1 | 1.0 | .2 | | | | | | | | 5.1 | 4.9 |
| SSW | 1.1 | .8 | .6 | | | | | | | | | 2.5 | 4.4 |
| SW | .5 | 1.2 | .1 | | | | | | | | | 1.8 | 4.3 |
| WSW | 1.4 | .6 | .2 | | | | | | | | | 2.3 | 3.4 |
| W | 1.9 | 1.0 | .7 | .5 | | | | | | | | 4.1 | 8.3 |
| WNW | 1.7 | 1.8 | 1.1 | .2 | .1 | | | | | | | 4.9 | 5.5 |
| NW | 1.5 | 1.7 | .8 | .7 | .4 | | | | | | | 5.1 | 6.8 |
| NNW | 2.6 | 2.7 | .8 | 1.1 | | | | | | | | 7.3 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.7 | |
| | 25.6 | 24.1 | 11.2 | 4.6 | .6 | .1 | | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS 839

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | MAR |

CLASS: ALL WEATHER

HOURS (L.S.T.): 0600-0800

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 2.1 | 1.4 | .2 | | | | | | | | 5.8 | 4.9 |
| NNE | 3.1 | 2.2 | .6 | .2 | | | | | | | | 6.1 | 4.1 |
| NE | 2.9 | 2.8 | .7 | .1 | | | | | | | | 6.4 | 4.1 |
| ENE | 1.3 | 2.1 | .7 | .2 | | | | | | | | 4.3 | 5.2 |
| E | 1.6 | 2.4 | 2.1 | .2 | | | | | | | | 6.3 | 5.5 |
| ESE | .7 | .6 | .8 | .5 | .1 | | | | | | | 2.6 | 7.3 |
| SE | 1.0 | .7 | .6 | .7 | | | | | | | | 3.0 | 6.5 |
| SSE | 1.4 | 1.6 | 1.0 | .1 | | | | | | | | 4.1 | 4.9 |
| S | .8 | 2.0 | 1.3 | .6 | | | | | | | | 4.7 | 6.4 |
| SSW | 2.0 | .9 | .5 | .5 | | | | | | | | 3.9 | 5.0 |
| SW | 1.6 | .9 | .3 | .2 | | | | | | | | 3.1 | 4.7 |
| WSW | .3 | .9 | .5 | .1 | | | | | | | | 1.8 | 5.4 |
| W | 1.3 | 1.8 | 2.0 | .7 | | | | | | | | 5.8 | 6.8 |
| WNW | .7 | 1.7 | 2.4 | .7 | | | | | | | | 5.5 | 7.2 |
| NW | 1.2 | 1.2 | .5 | .7 | .1 | | | | | | | 3.6 | 6.2 |
| NNW | .9 | 1.5 | 1.5 | .6 | | | | | | | | 4.5 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.5 | |
| | 22.9 | 25.3 | 16.7 | 4.3 | .2 | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 869

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72206 STATION — MAXWELL AFB AL STATION NAME — 75-84 YEARS — MAR MONTH

ALL WEATHER CLASS — 0000-1100 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 2.7 | 1.9 | .4 | .1 | | | | | | | 6.6 | 6.1 |
| NNE | 1.1 | 2.6 | 1.9 | .2 | | | | | | | | 5.8 | 5.6 |
| NE | 2.3 | 1.8 | .9 | | | | | | | | | 4.9 | 4.3 |
| ENE | 2.6 | 2.5 | .6 | .1 | | | | | | | | 5.8 | 4.2 |
| E | 1.4 | 2.9 | 1.4 | .5 | | | | | | | | 6.2 | 5.4 |
| ESE | .9 | 1.9 | 1.4 | .6 | .1 | | | | | | | 4.9 | 6.8 |
| SE | 1.3 | 1.8 | .9 | .8 | .1 | | | | | | | 4.8 | 6.6 |
| SSE | .9 | 1.8 | 1.8 | 1.2 | .1 | | | | | | | 5.7 | 7.8 |
| S | 1.1 | 2.6 | 2.5 | 1.1 | | | | | | | | 7.2 | 6.9 |
| SSW | 1.2 | 1.1 | 2.3 | .8 | | | | | | | | 5.3 | 6.9 |
| SW | .6 | 1.6 | 1.1 | .2 | | | | | | | | 3.4 | 6.3 |
| WSW | 1.7 | 1.7 | 2.2 | 1.5 | .1 | | | | | | | 7.2 | 7.2 |
| W | 1.6 | 2.0 | 2.7 | 1.4 | .1 | | | | | | | 8.7 | 7.2 |
| WNW | .8 | 1.0 | 2.0 | 1.8 | .1 | | | | | | | 5.8 | 8.6 |
| NW | .8 | 1.0 | 1.6 | 1.3 | .1 | | | | | | | 4.6 | 8.3 |
| NNW | .8 | .8 | 2.4 | .9 | | | | | | | | 4.8 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.2 | |
| | 20.3 | 30.5 | 27.3 | 12.9 | .9 | | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C 2001

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 722265 — STATION NAME: MAXWELL AFB AL — YEARS: 75-84 — MONTH: MAR

CLASS: ALL WEATHER — HOURS (L.S.T.): 1200-1400

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 2.4 | 2.4 | .5 | | | | | | | | 6.7 | 6.2 |
| NNE | .3 | 1.4 | 1.6 | .1 | | | | | | | | 3.4 | 5.9 |
| NE | 1.2 | 1.3 | .6 | | | | | | | | | 3.1 | 4.5 |
| ENE | 2.0 | 1.3 | .3 | .1 | | | | | | | | 3.8 | 3.8 |
| E | 1.4 | 2.2 | 1.2 | .8 | | | | | | | | 5.5 | 6.1 |
| ESE | 1.1 | 1.1 | 1.2 | .3 | | | | | | | | 3.7 | 6.1 |
| SE | 1.1 | 1.1 | .9 | .5 | .1 | | | | | | | 3.7 | 6.8 |
| SSE | 1.5 | 1.9 | 1.5 | 1.0 | .3 | | | | | | | 6.2 | 7.4 |
| S | 1.6 | 1.6 | 3.3 | 2.5 | .2 | | | | | | | 9.2 | 8.3 |
| SSW | 1.3 | 2.0 | 3.4 | 1.2 | .3 | | | | | | | 8.3 | 7.8 |
| SW | .9 | 2.3 | 1.5 | .6 | .3 | | | | | | | 5.6 | 7.4 |
| WSW | 1.2 | 2.3 | 2.0 | 1.4 | .1 | | | | | | | 7.8 | 7.6 |
| W | 2.4 | 1.8 | 4.8 | 1.5 | .2 | .2 | | | | | | 11.0 | 7.9 |
| WNW | 1.0 | 1.4 | 1.9 | 1.0 | .2 | .1 | | | | | | 5.6 | 7.9 |
| NW | .4 | 1.2 | 2.4 | 2.0 | .4 | | | | | | | 6.5 | 9.7 |
| NNW | 1.1 | 1.2 | 2.2 | 1.1 | .2 | | | | | | | 5.7 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 20.2 | 26.3 | 32.2 | 14.6 | 2.5 | .3 | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 13225 | MAXWELL AFB AL | 75-84 | MAR |

CLASS: ALL WEATHER

HOURS (L.S.T.): 1500-1700

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 3.0 | 2.3 | .4 | | | | | | | | 7.3 | 6.0 |
| NNE | 1.3 | 1.0 | .1 | | | | | | | | | 2.4 | 3.5 |
| NE | 1.2 | 1.5 | .3 | .1 | | | | | | | | 3.1 | 4.4 |
| ENE | .3 | .8 | .5 | .2 | | | | | | | | 2.4 | 5.5 |
| E | 1.0 | 1.8 | 1.5 | .2 | | | | | | | | 4.5 | 6.0 |
| ESE | .6 | 1.3 | 1.1 | .5 | | | | | | | | 3.5 | 6.4 |
| SE | .1 | 1.0 | 1.1 | .3 | .1 | | | | | | | 2.6 | 8.0 |
| SSE | .3 | 1.4 | 2.3 | 1.3 | | | | | | | | 5.7 | 8.0 |
| S | 1.5 | 2.4 | 4.4 | 1.5 | .1 | | | | | | | 9.9 | 7.6 |
| SSW | 1.0 | 2.3 | 2.9 | 1.5 | .1 | | | | | | | 7.7 | 7.7 |
| SW | 1.4 | 2.0 | 1.5 | .2 | | | | | | | | 5.3 | 5.6 |
| WSW | 1.4 | 2.4 | 2.8 | .5 | .3 | | | | | | | 7.4 | 6.8 |
| W | 1.5 | 3.2 | 4.3 | 1.0 | .3 | .1 | | | | | | 10.4 | 7.4 |
| WNW | 1.2 | 1.3 | 3.0 | 1.9 | .1 | | | | | | | 7.5 | 8.4 |
| NW | .6 | 1.2 | 3.0 | 1.8 | | | | | | | | 6.7 | 8.5 |
| NNW | .9 | 1.6 | 2.6 | 1.6 | .1 | | | | | | | 6.8 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 17.9 | 23.1 | 33.7 | 13.2 | 1.2 | .2 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2002

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | MAR |

CLASS: ALL WEATHER

HOURS (L.S.T.): 1800-2000

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 4.0 | 1.2 | .2 | | | | | | | | 8.5 | 4.4 |
| NNE | .8 | 1.1 | .4 | | | | | | | | | 2.3 | 4.8 |
| NE | .7 | .5 | .3 | | | | | | | | | 1.7 | 4.6 |
| ENE | 1.5 | .3 | .1 | | | | | | | | | 2.0 | 2.9 |
| E | 1.8 | 1.5 | 2.0 | .2 | .1 | | | | | | | 5.6 | 5.8 |
| ESE | .9 | 1.5 | 1.1 | .2 | .1 | | | | | | | 3.8 | 6.1 |
| SE | .7 | 1.3 | 1.0 | .2 | .2 | | | | | | | 3.4 | 7.1 |
| SSE | 1.1 | 2.0 | .8 | .8 | .2 | | | | | | | 4.8 | 6.6 |
| S | 2.6 | 4.2 | 3.7 | .4 | .1 | | | | | | | 11.1 | 5.9 |
| SSW | 1.7 | 1.0 | 1.8 | .1 | | | | | | | | 4.7 | 5.3 |
| SW | 1.0 | .1 | .1 | .1 | | | | | | | | 1.3 | 3.6 |
| WSW | 2.3 | .4 | .1 | .1 | | | | | | | | 2.9 | 3.3 |
| W | 2.6 | 1.7 | 1.5 | .7 | .1 | | | | | | | 6.6 | 5.4 |
| WNW | 1.6 | 1.6 | 1.7 | .2 | | | | | | | | 5.0 | 5.5 |
| NW | 1.5 | 1.3 | 1.2 | .9 | .1 | | | | | | | 5.0 | 6.5 |
| NNW | 1.2 | 3.3 | 1.7 | 1.1 | | | | | | | | 7.3 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.3 | |
| | 24.7 | 26.1 | 19.7 | 5.2 | 1.0 | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 923

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY BRANCH
[illegible]FETAC
[illegible] WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] — STATION
MAXWELL AFB AL — STATION NAME
75-[illegible] — YEARS
[illegible] — MONTH

ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 2.7 | 2.2 | | | | | | | | | [illegible] | [illegible] |
| NNE | 1.6 | 2.2 | .8 | | | | | | | | | [illegible] | [illegible] |
| NE | 1.2 | .3 | .2 | | | | | | | | | 1.8 | [illegible] |
| ENE | 1.0 | .7 | .5 | .2 | | | | | | | | [illegible] | [illegible] |
| E | .6 | 1.3 | 1.7 | .1 | | | | | | | | 3.7 | [illegible] |
| ESE | .3 | .6 | .9 | .2 | .1 | | | | | | | 2.1 | [illegible] |
| SE | .7 | 2.4 | .9 | .7 | | | | | | | | [illegible] | [illegible] |
| SSE | 1.2 | 2.1 | 1.4 | .4 | | | | | | | | [illegible] | [illegible] |
| S | 3.5 | 5.1 | 2.2 | .5 | | | | | | | | 11.2 | [illegible] |
| SSW | 1.3 | 2.2 | 2.1 | .5 | | | | | | | | [illegible] | [illegible] |
| SW | .2 | .2 | .2 | | .1 | | | | | | | [illegible] | [illegible] |
| WSW | 1.2 | | | .1 | | | | | | | | [illegible] | [illegible] |
| W | 1.7 | 1.5 | .7 | .7 | .2 | | | | | | | [illegible] | [illegible] |
| WNW | 1.0 | 2.1 | .9 | .1 | | | | | | | | [illegible] | [illegible] |
| NW | 1.1 | .9 | .9 | .4 | | | | | | | | [illegible] | [illegible] |
| NNW | .3 | 2.1 | 1.2 | .3 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.0 | |
| | 20.2 | 26.2 | 14.4 | 5.1 | .6 | | | | | | | 100.0 | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — MAXWELL AFB AL STATION NAME — [illegible] YEARS — [illegible] MONTH

ALL WEATHER CLASS — [illegible] HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 1.4 | 1.2 | | | | | | | | | [illegible] | [illegible] |
| NNE | 4.3 | 4.0 | .5 | | | | | | | | | [illegible] | [illegible] |
| NE | 3.4 | 2.0 | .5 | | | | | | | | | [illegible] | [illegible] |
| ENE | 2.4 | 2.5 | .2 | | | | | | | | | [illegible] | [illegible] |
| E | 1.4 | 2.3 | .2 | | | | | | | | | [illegible] | [illegible] |
| ESE | 1.3 | .4 | 1.1 | | | | | | | | | [illegible] | [illegible] |
| SE | .2 | 2.0 | .7 | .1 | .1 | | | | | | | [illegible] | [illegible] |
| SSE | .8 | 1.0 | 1.3 | .4 | | | | | | | | [illegible] | [illegible] |
| S | 2.1 | 2.6 | .5 | .1 | | | | | | | | [illegible] | [illegible] |
| SSW | 1.2 | 1.4 | .6 | .1 | | .1 | | | | | | [illegible] | [illegible] |
| SW | 1.4 | 1.3 | .4 | .1 | | | | | | | | [illegible] | [illegible] |
| WSW | 1.0 | 1.6 | .6 | .2 | .1 | | | | | | | [illegible] | [illegible] |
| W | 1.0 | 3.3 | 2.0 | .1 | | | | | | | | [illegible] | [illegible] |
| WNW | .4 | .7 | 1.5 | .1 | | | | | | | | [illegible] | [illegible] |
| NW | .6 | .2 | 1.1 | .4 | | | | | | | | [illegible] | [illegible] |
| NNW | .2 | 1.5 | .4 | .4 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | 26.3 | 31.7 | 14.4 | 2.3 | .2 | .1 | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2004

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
0000-1100 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.0 | 1.3 | | | | | | | | | 4.7 | 5.5 |
| NNE | 2.0 | 2.9 | .4 | | | | | | | | | 5.3 | 5.4 |
| NE | 2.7 | 2.3 | .7 | | | | | | | | | 5.7 | 5.0 |
| ENE | 4.4 | 3.0 | .6 | .1 | | | | | | | | 8.1 | 5.7 |
| E | 1.6 | 3.0 | 1.0 | .2 | | | | | | | | 5.8 | 5.1 |
| ESE | .7 | 1.7 | 1.5 | | | | | | | | | 3.9 | 5.9 |
| SE | .3 | 2.0 | 1.7 | .1 | | | | | | | | 4.1 | 5.6 |
| SSE | 1.1 | 2.1 | 2.5 | .8 | | | | | | | | 6.5 | 6.9 |
| S | 1.8 | 2.9 | 2.0 | 1.2 | | | | | | | | 7.9 | 6.0 |
| SSW | 1.1 | 1.7 | 2.3 | .3 | | | | | | | | 5.9 | 5.3 |
| SW | .4 | 1.7 | 2.2 | .3 | | | | | | | | 4.7 | 5.8 |
| WSW | 1.2 | 2.9 | 2.3 | .8 | | | | | | | | 7.2 | 6.3 |
| W | 1.9 | 3.6 | 3.7 | 1.5 | .2 | | | | | | | 10.9 | 7.2 |
| WNW | .4 | 1.9 | 1.4 | .2 | | | | | | | | 4.0 | 6.6 |
| NW | .6 | 1.7 | 1.3 | 1.0 | | | | | | | | 4.6 | 7.8 |
| NNW | .8 | 1.2 | 1.1 | .7 | | | | | | | | 3.8 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 22.7 | 36.3 | 26.7 | 7.3 | .2 | | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 800

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OL: AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

~~72206~~ STATION ~~MAXWELL AFB AL~~ STATION NAME ~~75-84~~ YEARS ~~ANN~~ MONTH

ALL WEATHER CLASS ~~1200-1400~~ HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 2.7 | 2.2 | | | | | | | | | 5.8 | 5.8 |
| NNE | 1.9 | 1.9 | .3 | .1 | | | | | | | | 4.2 | 4.2 |
| NE | 1.7 | 1.2 | .4 | .1 | | | | | | | | 3.4 | 4.4 |
| ENE | 2.3 | 2.0 | .2 | | | | | | | | | 4.5 | 3.6 |
| E | 1.4 | 3.9 | 1.0 | | | | | | | | | 6.3 | 4.8 |
| ESE | .7 | 1.9 | 1.2 | | | | | | | | | 3.8 | 5.4 |
| SE | .7 | 1.4 | 1.7 | .1 | | | | | | | | 3.6 | 4.6 |
| SSE | 1.6 | 1.9 | 1.9 | 1.1 | | | | | | | | 6.4 | 6.2 |
| S | .9 | 3.9 | 3.8 | 1.8 | .4 | .1 | | | | | | 10.9 | 8.2 |
| SSW | 1.2 | 2.3 | 4.2 | 1.0 | | | | | | | | 8.8 | 7.2 |
| SW | .3 | .9 | 1.4 | .6 | | | | | | | | 3.2 | 7.4 |
| WSW | 1.4 | 1.9 | 3.9 | .6 | | | | | | | | 7.7 | 7.0 |
| W | .8 | 2.4 | 5.0 | 2.6 | .2 | .1 | | | | | | 11.1 | 8.9 |
| WNW | 1.1 | .9 | 2.3 | .8 | | | | | | | | 5.0 | 7.2 |
| NW | .6 | 1.6 | 2.3 | .4 | | | | | | | | 4.9 | 7.3 |
| NNW | .8 | 1.4 | 2.3 | .9 | | | | | | | | 5.4 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 18.2 | 32.1 | 33.9 | 10.0 | .7 | .2 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS ~~900~~

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2005

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | APR |

CLASS: ALL WEATHER

HOURS (L.S.T.): 1500-1700

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.8 | 2.6 | 1.0 | .4 | | | | | | | | 5.6 | 5.6 |
| NNE | 1.5 | .9 | .1 | | | | | | | | | 2.5 | 3.3 |
| NE | .9 | .4 | .2 | | | | | | | | | 1.6 | 3.9 |
| ENE | 1.2 | 1.2 | | | | | | | | | | 2.4 | 3.5 |
| E | 1.3 | 2.4 | 1.7 | | | | | | | | | 5.4 | 5.2 |
| ESE | .3 | 1.7 | 1.3 | .3 | | | | | | | | 3.7 | 6.8 |
| SE | .3 | 1.2 | .8 | .4 | | | | | | | | 3.2 | 6.3 |
| SSE | .6 | 1.4 | 1.0 | .4 | | | | | | | | 4.3 | 6.8 |
| S | 1.3 | 3.8 | 4.2 | 2.4 | .4 | | | | | | | 12.2 | 8.0 |
| SSW | 1.0 | 3.7 | 2.2 | 1.8 | | | | | | | | 8.8 | 6.2 |
| SW | 2.1 | 1.6 | 1.3 | .4 | | | | | | | | 5.4 | 5.3 |
| WSW | 2.2 | 3.1 | 4.2 | .8 | | | | | | | | 10.3 | 6.5 |
| W | 1.4 | 2.9 | 4.1 | 1.4 | .2 | | | | | | | 10.1 | 7.5 |
| WNW | .8 | 1.2 | 2.1 | .9 | | | | | | | | 5.0 | 8.0 |
| NW | .3 | 1.2 | 1.6 | .8 | | | | | | | | 3.9 | 7.6 |
| NNW | 1.1 | 2.6 | 2.2 | .3 | | | | | | | | 6.2 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.2 | |
| | 18.7 | 31.0 | 29.8 | 9.8 | .7 | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72325 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) ANN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 2.3 | .9 | | | | | | | | | 5.9 | 4.3 |
| NNE | .9 | .9 | .2 | | | | | | | | | 2.0 | 3.4 |
| NE | .9 | .1 | .1 | | | | | | | | | 1.1 | 2.9 |
| ENE | 1.0 | .5 | .1 | | | | | | | | | 1.6 | 3.4 |
| E | 1.5 | 2.0 | .2 | | | | | | | | | 4.4 | 4.8 |
| ESE | 1.1 | 1.5 | .6 | | | | | | | | | 3.2 | 4.3 |
| SE | .5 | 1.8 | .7 | .1 | | | | | | | | 3.1 | 5.1 |
| SSE | 1.5 | 3.1 | 1.0 | .6 | | | | | | | | 6.1 | 5.6 |
| S | 4.2 | 3.4 | 2.5 | .8 | | .1 | | | | | | 11.1 | 5.5 |
| SSW | 2.5 | 1.5 | 1.7 | .3 | | | | | | | | 6.4 | 4.8 |
| SW | 2.2 | .2 | | | | | | | | | | 2.4 | 2.1 |
| WSW | 2.8 | 1.0 | .1 | | | | | | | | | 4.0 | 2.9 |
| W | 3.5 | 2.7 | .9 | .2 | | | | | | | | 7.4 | 4.2 |
| WNW | 1.5 | 2.5 | .5 | .3 | | | | | | | | 4.9 | 5.1 |
| NW | 1.2 | .7 | .9 | .2 | | | | | | | | 3.0 | 5.3 |
| NNW | 1.2 | 2.3 | 1.0 | .1 | | | | | | | | 5.2 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.3 | |
| | 30.3 | 25.4 | 12.1 | 2.7 | | .1 | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS 881

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2006

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | APR |

CLASS: ALL WEATHER

HOURS (L.S.T.): 2100-2300

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 1.9 | 1.4 | | | | | | | | | 5.4 | 4.7 |
| NNE | 2.1 | 1.0 | .1 | | | | | | | | | 3.2 | 3.5 |
| NE | 1.0 | .8 | .1 | | | | | | | | | 1.9 | 3.7 |
| ENE | .6 | 1.4 | .1 | | | | | | | | | 2.2 | 4.2 |
| E | 1.2 | 1.2 | 1.4 | .1 | | | | | | | | 3.9 | 5.4 |
| ESE | .8 | .1 | .4 | .3 | | | | | | | | 1.6 | 5.5 |
| SE | 1.4 | 1.7 | 1.0 | .1 | .1 | | | | | | | 4.4 | 5.8 |
| SSE | 1.8 | 1.8 | 1.3 | .3 | | .1 | | | | | | 5.3 | 5.5 |
| S | 3.5 | 2.5 | 3.6 | .5 | | .1 | | | | | | 10.2 | 5.7 |
| SSW | 1.9 | 1.8 | .9 | .3 | .1 | | | | | | | 5.1 | 5.1 |
| SW | 1.2 | .5 | .1 | | | | | | | | | 1.8 | 3.1 |
| WSW | 1.8 | .3 | .1 | .1 | | | | | | | | 2.3 | 3.[illegible] |
| W | 2.9 | 1.2 | .9 | | | | | | | | | 4.3 | 3.6 |
| WNW | 1.7 | 1.6 | .6 | | | | | | | | | 3.9 | 4.1 |
| NW | 1.0 | 1.0 | .4 | .1 | | | | | | | | 2.6 | 4.6 |
| NNW | 1.3 | 1.9 | .5 | | .1 | | | | | | | 3.9 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 37.4 | |
| | 26.5 | 25.6 | 13.1 | 1.9 | .4 | .3 | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 771

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72326 — STATION
MAYWELL AFB AL — STATION NAME
76,78-84 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | | | | | | | | | | | 2.3 | 2.0 |
| NNE | 6.4 | 1.4 | | | | | | | | | | 7.8 | 2.4 |
| NE | 1.8 | .5 | | | | | | | | | | 2.3 | 2.6 |
| ENE | 1.5 | 1.4 | .5 | | | | | | | | | 3.7 | 3.8 |
| E | .9 | 1.8 | .5 | | | | | | | | | 3.2 | 4.9 |
| ESE | .9 | 1.4 | | | | | | | | | | 2.3 | 3.8 |
| SE | 1.8 | 1.4 | | | | | | | | | | 3.2 | 3.1 |
| SSE | 1.8 | .9 | .5 | | | | | | | | | 3.2 | 3.4 |
| S | 6.8 | 1.8 | | | | | | | | | | 8.7 | 2.6 |
| SSW | 1.4 | .5 | .5 | | | | | | | | | 2.3 | 4.4 |
| SW | | | .5 | | | | | | | | | .5 | 7.0 |
| WSW | 1.8 | .5 | | | | | | | | | | 2.3 | 2.4 |
| W | 1.8 | .5 | .5 | | | | | | | | | 2.7 | 3.8 |
| WNW | .5 | 1.4 | | | | | | | | | | 1.4 | 4.3 |
| NW | | .5 | | | | | | | | | | .5 | 5.0 |
| NNW | .9 | .9 | | | | | | | | | | 1.8 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 51.6 | |
| | 31.1 | 14.6 | 2.7 | | | | | | | | | 100.0 | 1.6 |

TOTAL NUMBER OF OBSERVATIONS 219

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 1.6 | .1 | .2 | | | | | | | | 4.8 | 3.9 |
| NNE | 4.2 | 3.1 | .3 | | | | | | | | | 8.3 | 3.3 |
| NE | 4.3 | 2.3 | .3 | | | | | | | | | 6.9 | 3.2 |
| ENE | 3.7 | 2.6 | .6 | | | | | | | | | 6.9 | 3.6 |
| E | 2.3 | 2.5 | .5 | | | | | | | | | 5.3 | 4.0 |
| ESE | .4 | 1.2 | .6 | | | | | | | | | 2.3 | 5.4 |
| SE | 1.1 | 1.7 | .9 | | | | | | | | | 3.7 | 5.4 |
| SSE | 2.2 | 1.5 | 1.2 | | | | | | | | | 4.8 | 4.6 |
| S | 2.4 | 1.9 | 1.3 | .2 | .1 | | | | | | | 5.9 | 5.2 |
| SSW | 1.9 | 1.0 | .3 | .1 | | | | | | | | 3.3 | 3.9 |
| SW | 1.5 | 1.0 | | | | | | | | | | 2.5 | 3.0 |
| WSW | 1.7 | 1.0 | | | | | | | | | | 3.1 | 3.4 |
| W | 1.4 | 2.0 | .2 | | | | | | | | | 4.6 | 4.2 |
| WNW | 1.3 | 1.4 | .5 | .1 | .1 | | | | | | | 3.4 | 4.1 |
| NW | 1.8 | .6 | .9 | .1 | | | | | | | | 3.0 | 4.5 |
| NNW | .9 | .4 | .2 | | | | | | | | | 1.5 | 3.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.9 | |
| | 32.2 | 27.4 | 8.3 | .8 | .2 | | | | | | | 100.2 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 938

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2008

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | MAY |

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 0900-1100

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 1.9 | 1.2 | .2 | | | | | | | | 6.0 | 4.5 |
| NNE | 3.8 | 2.5 | .6 | | | | | | | | | 6.9 | 3.6 |
| NE | 1.9 | 1.9 | .3 | .1 | | | | | | | | 4.7 | 4.2 |
| ENE | 4.2 | 3.2 | .8 | | | | | | | | | 8.2 | 3.7 |
| E | 3.4 | 3.3 | .6 | | | | | | | | | 7.4 | 3.8 |
| ESE | .6 | 1.6 | 1.1 | | | | | | | | | 3.3 | 5.4 |
| SE | .9 | .9 | 1.1 | | | | | | | | | 2.8 | 5.4 |
| SSE | 1.9 | 2.5 | 1.4 | .6 | | | | | | | | 6.5 | 5.6 |
| S | 1.9 | 3.4 | 2.2 | 1.0 | | | | | | | | 8.5 | 5.9 |
| SSW | 1.3 | 2.0 | 1.6 | .8 | | | | | | | | 5.7 | 6.2 |
| SW | 2.5 | 1.2 | .9 | .1 | .1 | | | | | | | 4.7 | 4.6 |
| WSW | 1.5 | 2.7 | 1.7 | .3 | | | | | | | | 6.6 | 5.2 |
| W | 1.9 | 3.5 | 2.0 | .2 | .1 | | | | | | | 7.8 | 5.5 |
| WNW | .9 | 1.5 | 1.2 | .1 | | | | | | | | 3.7 | 5.4 |
| NW | .9 | 1.3 | 1.0 | .2 | | | | | | | | 3.3 | 5.8 |
| NNW | 1.4 | 1.1 | .2 | .1 | | | | | | | | 3.9 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.0 | |
| | 32.5 | 34.6 | 18.8 | 3.8 | .2 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72225 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) MIX (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.3 | 3.4 | 1.2 | .2 | | | | | | | | 8.2 | 4.3 |
| NNE | 1.4 | 2.7 | .9 | .1 | | | | | | | | 5.1 | 4.9 |
| NE | 1.1 | 1.4 | .4 | .1 | | | | | | | | 3.0 | 5.0 |
| ENE | 1.6 | 3.2 | .5 | | | | | | | | | 5.4 | 4.3 |
| E | 2.0 | 1.8 | .5 | | | | | | | | | 4.4 | 3.9 |
| ESE | 1.1 | 1.4 | .8 | .1 | | | | | | | | 3.3 | 4.9 |
| SE | .3 | 1.0 | .8 | .1 | | | | | | | | 2.2 | 6.2 |
| SSE | 1.1 | 2.5 | 1.4 | .6 | | | | | | | | 5.6 | 6.3 |
| S | 2.4 | 4.6 | 3.1 | 1.1 | .1 | | | | | | | 11.3 | 6.2 |
| SSW | 1.6 | 3.3 | 2.3 | .9 | | | | | | | | 8.1 | 6.4 |
| SW | 1.2 | 2.4 | 1.2 | .2 | | | | | | | | 4.9 | 5.5 |
| WSW | 1.8 | 3.2 | 2.5 | .2 | | | | | | | | 7.7 | 5.6 |
| W | 2.3 | 4.3 | 3.5 | .5 | | .1 | | | | | | 10.8 | 6.1 |
| WNW | .5 | 1.6 | 2.0 | .4 | | | | | | | | 4.7 | 6.8 |
| NW | .8 | 1.0 | .8 | .4 | | | | | | | | 3.1 | 6.2 |
| NNW | 1.7 | 2.4 | 1.5 | .2 | | | | | | | | 5.8 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 24.4 | 42.2 | 23.4 | 5.3 | .1 | .1 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 934

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2009

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAY — MONTH

ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 2.7 | 1.9 | .6 | | | | | | | | 8.5 | 5.0 |
| NNE | 2.9 | 1.8 | .6 | | .1 | | | | | | | 5.5 | 4.3 |
| NE | 1.3 | 1.3 | .5 | | | | | | | | | 3.1 | 4.4 |
| ENE | 1.5 | 1.2 | .8 | .1 | | | | | | | | 3.5 | 4.7 |
| E | 2.0 | .9 | .6 | .1 | | | .1 | | | | | 3.8 | 4.9 |
| ESE | .4 | .5 | .8 | | | | | | | | | 1.7 | 5.7 |
| SE | .9 | 1.2 | .9 | | | | | | | | | 2.9 | 5.3 |
| SSE | 1.3 | 1.9 | 1.1 | .1 | | | | | | | | 4.4 | 5.0 |
| S | 1.8 | 3.8 | 2.9 | 1.1 | | | | | | | | 9.6 | 6.4 |
| SSW | 2.9 | 3.4 | 2.2 | .4 | | | | | | | | 8.9 | 5.2 |
| SW | 1.9 | 3.3 | 1.6 | .1 | | | | | | | | 7.0 | 5.1 |
| WSW | 2.9 | 3.7 | 1.3 | .3 | | | | | | | | 8.2 | 4.9 |
| W | 2.2 | 4.0 | 2.2 | .6 | | | | | | | | 9.7 | 5.2 |
| WNW | 1.4 | 2.3 | 1.3 | .3 | | | | | | | | 5.3 | 5.6 |
| NW | 1.1 | 2.0 | 1.3 | .2 | | | | | | | | 4.6 | 5.5 |
| NNW | 2.2 | 2.5 | 1.5 | .1 | | | | | | | | 6.2 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.1 | |
| | 30.4 | 36.5 | 21.4 | 4.2 | .1 | | .1 | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 72225 | MAXWELL AFB AL | 75-84 | MAY |

CLASS: ALL WEATHER

HOURS (L.S.T.): 1200-2000

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.6 | 1.3 | .7 | .3 | | | | | | | | 5.9 | 4.0 |
| NNE | 2.7 | 1.1 | .4 | | | | | | | | | 4.2 | 3.1 |
| NE | 1.4 | .9 | .4 | | | | | | | | | 2.8 | 3.6 |
| ENE | 1.0 | 1.2 | .1 | .1 | | | | | | | | 2.4 | 4.3 |
| E | 2.2 | 1.1 | .5 | | | | | | | | | 3.8 | 3.7 |
| ESE | .5 | .7 | .4 | | .1 | | | | | | | 1.7 | 6.1 |
| SE | 1.4 | .9 | .7 | | | | | | | | | 2.9 | 4.3 |
| SSE | 2.1 | 1.7 | .5 | .2 | | | | | | | | 4.6 | 4.3 |
| S | 4.6 | 3.6 | 1.8 | .2 | | | | | | | | 10.2 | 4.6 |
| SSW | 2.1 | 1.6 | .4 | .1 | | | | | | | | 4.2 | 3.8 |
| SW | 1.2 | .9 | .1 | | | | | | | | | 2.1 | 3.2 |
| WSW | 2.6 | .8 | .2 | | | | | | | | | 3.4 | 2.9 |
| W | 3.0 | 1.9 | .4 | | | | | | | | | 5.1 | 3.5 |
| WNW | 1.3 | 1.2 | .3 | .1 | | | | | | | | 3.0 | 4.3 |
| NW | .9 | .5 | .2 | | | | | | | | | 1.6 | 3.7 |
| NNW | 1.6 | 1.3 | .1 | | | | | | | | | 3.0 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 37.9 | |
| | 33.0 | 20.5 | 7.5 | 1.1 | .1 | | | | | | | 100.0 | 2.4 |

TOTAL NUMBER OF OBSERVATIONS 914

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.8 | 1.8 | .5 | | | | | | | | | 4.1 | 3.6 |
| NNE | 1.7 | 1.5 | .2 | | | | | | | | | 3.3 | 3.6 |
| NE | .5 | .8 | .7 | | | | | | | | | 2.0 | 5.1 |
| ENE | .8 | .7 | .2 | | | | | | | | | 1.7 | 3.6 |
| E | 1.3 | 1.7 | .3 | | | | | | | | | 3.3 | 4.0 |
| ESE | 1.0 | .5 | .2 | | | | | | | | | 1.7 | 3.5 |
| SE | 1.3 | 1.3 | .3 | | | | | | | | | 3.0 | 4.3 |
| SSE | 2.3 | 1.5 | .7 | | | | | | | | | 4.5 | 4.0 |
| S | 5.8 | 3.8 | 1.2 | | | | | | | | | 10.9 | 3.8 |
| SSW | 1.5 | 1.5 | .5 | .2 | | | | | | | | 3.6 | 4.7 |
| SW | | .8 | .2 | | | | | | | | | 1.0 | 5.0 |
| WSW | 1.0 | .3 | .2 | | .2 | | | | | | | 1.7 | 5.4 |
| W | 1.2 | .7 | .2 | | | | | | | | | 2.0 | 3.1 |
| WNW | 1.3 | .5 | .3 | .2 | | | | | | | | 2.3 | 4.1 |
| NW | .7 | .2 | .3 | | | | | | | | | 1.2 | 4.1 |
| NNW | 2.1 | .3 | .7 | | | | | | | | | 3.1 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 50.8 | |
| | 24.4 | 17.8 | 6.4 | .3 | .2 | | | | | | | 100.0 | 2.0 |

TOTAL NUMBER OF OBSERVATIONS 604

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — MAXWELL AFB AL STATION NAME — 75-76,78-80 YEARS — JUL MONTH

ALL WEATHER CLASS — 0000-0700 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 1.0 | .5 | | | | | | | | | 4.7 | [illegible] |
| NNE | 5.1 | .9 | | | | | | | | | | 6.1 | [illegible] |
| NE | 3.3 | .5 | | | | | | | | | | 3.8 | [illegible] |
| ENE | 2.3 | .0 | | | | | | | | | | 2.3 | [illegible] |
| E | 1.9 | 1.0 | .5 | | | | | | | | | 3.4 | [illegible] |
| ESE | .5 | | | | | | | | | | | .5 | [illegible] |
| SE | .9 | .5 | | | | | | | | | | 1.4 | [illegible] |
| SSE | 1.4 | 1.4 | | | | | | | | | | 2.8 | [illegible] |
| S | 4.2 | .5 | | | | | | | | | | 4.7 | [illegible] |
| SSW | 3.3 | .5 | | | | | | | | | | 3.8 | [illegible] |
| SW | 2.3 | .0 | | | | | | | | | | 2.3 | [illegible] |
| WSW | 1.9 | | | | | | | | | | | 1.9 | [illegible] |
| W | 1.0 | | | | | | | | | | | 1.0 | [illegible] |
| WNW | .5 | | | | | | | | | | | .5 | [illegible] |
| NW | .9 | | | | | | | | | | | .9 | [illegible] |
| NNW | .5 | | | | | | | | | | | .5 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | 37.5 | 8.0 | .0 | | | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — MAXWELL AFB AL STATION NAME — 76-80 YEARS — JUN MONTH

ALL WEATHER CLASS — [illegible] HOUR (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| NNE | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| NE | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| ENE | [illegible] | [illegible] | [illegible] | [illegible] | | | | | | | | [illegible] | [illegible] |
| E | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| ESE | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| SE | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| SSE | [illegible] | [illegible] | | | | | | | | | | [illegible] | [illegible] |
| S | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| SSW | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| SW | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| WSW | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| W | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| WNW | [illegible] | [illegible] | | | | | | | | | | [illegible] | [illegible] |
| NW | [illegible] | [illegible] | [illegible] | [illegible] | | | | | | | | [illegible] | [illegible] |
| NNW | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | [illegible] | [illegible] | [illegible] | [illegible] | | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

12042

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72220 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUN — MONTH

ALL WEATHER — CLASS
0000-1100 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.2 | 2.2 | .9 | | | | | | | | | 7.3 | 4.7 |
| NNE | 3.9 | 2.0 | .2 | | | | | | | | | 7.0 | 3.4 |
| NE | 3.8 | 2.7 | .3 | | | | | | | | | 6.8 | 3.6 |
| ENE | 3.4 | 1.9 | 1.2 | | | | | | | | | 6.4 | 3.9 |
| E | 3.7 | 1.5 | 1.1 | | | | | | | | | 6.3 | 4.1 |
| ESE | .3 | 1.2 | .6 | | | | | | | | | 2.1 | 6.3 |
| SE | 1.7 | 1.7 | .6 | | | | | | | | | 3.9 | 4.1 |
| SSE | 1.6 | 1.6 | .2 | | | | | | | | | 3.3 | 5.1 |
| S | 2.0 | 1.7 | .6 | | | | | | | | | 4.3 | 4.1 |
| SSW | 2.5 | 2.6 | 1.0 | | | | | | | | | 6.1 | 4.1 |
| SW | 1.5 | 2.0 | .7 | | | | | | | | | 4.1 | 4.6 |
| WSW | 2.0 | 3.7 | 1.5 | | | | | | | | | 8.1 | 4.6 |
| W | 3.4 | 5.0 | 2.5 | | | | | | | | | 11.7 | 4.1 |
| WNW | 2.1 | 2.5 | .4 | | | | | | | | | 5.1 | 3.4 |
| NW | .9 | 1.5 | .1 | | | | | | | | | 2.5 | 3.9 |
| NNW | 3.1 | 1.3 | .1 | .2 | | | | | | | | 4.6 | 3.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.8 | |
| | 40.9 | 37.3 | 11.9 | .2 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 891

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722215 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 3.0 | 1.1 | | | | | | | | | 7.2 | 4.3 |
| NNE | 3.3 | 3.9 | .9 | .1 | | | | | | | | 7.7 | 4.4 |
| NE | 1.3 | 1.3 | .1 | | | | | | | | | 2.8 | 3.7 |
| ENE | 2.6 | 3.5 | .7 | .1 | | | | | | | | 6.8 | 4.1 |
| E | 1.9 | 3.6 | .4 | | | | | | | | | 5.9 | 4.2 |
| ESE | 1.0 | 1.5 | .6 | .1 | | | | | | | | 3.1 | 4.8 |
| SE | .6 | 1.0 | .6 | | | | | | | | | 2.1 | 4.9 |
| SSE | .6 | 1.6 | .3 | .2 | | | | | | | | 2.7 | 5.4 |
| S | 1.7 | 3.9 | 2.0 | .2 | | | | | | | | 7.9 | 5.4 |
| SSW | 1.9 | 2.2 | 1.9 | | | | | | | | | 6.9 | 5.1 |
| SW | 1.3 | 3.0 | 1.5 | | | | | | | | | 5.8 | 5.0 |
| WSW | 2.7 | 4.2 | 3.0 | | | | | | | | | 9.9 | 5.2 |
| W | 2.4 | 6.2 | 3.1 | | | | | | | | | 11.7 | 5.2 |
| WNW | 1.6 | 2.2 | 1.2 | .2 | | | | | | | | 5.3 | 5.1 |
| NW | 1.8 | 1.6 | 1.1 | .1 | | | | | | | | 4.7 | 4.6 |
| NNW | 2.0 | 1.2 | .7 | .1 | | | | | | | | 5.1 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 30.2 | 44.2 | 19.3 | 1.2 | | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 891

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 3.7 | 1.5 | .2 | | | | | | | | 9.3 | 4.6 |
| NNE | 2.5 | 2.0 | .9 | | | | | | | | | 5.4 | 4.2 |
| NE | 1.6 | 1.5 | .3 | | | | | | | | | 3.4 | 3.8 |
| ENE | 2.5 | 1.6 | .3 | | | | | | | | | 3.9 | 3.5 |
| E | 2.5 | 4.0 | 1.0 | .1 | | | | | | | | 7.6 | 4.4 |
| ESE | .8 | .8 | .3 | | | | | | | | | 1.9 | 4.2 |
| SE | .4 | .9 | .9 | | | | | | | | | 2.2 | 5.6 |
| SSE | .6 | 1.0 | .5 | | | | | | | | | 2.3 | 5.0 |
| S | 1.2 | 3.6 | 1.5 | .1 | .1 | | | | | | | 7.1 | 5.2 |
| SSW | 2.1 | 4.5 | 1.9 | .2 | | | | | | | | 8.8 | 5.1 |
| SW | 1.9 | 3.9 | 1.1 | .1 | | | | | | | | 7.1 | 4.8 |
| WSW | 2.5 | 5.3 | 1.9 | .1 | | | | | | | | 9.9 | 5.0 |
| W | 2.2 | 5.4 | 2.6 | .3 | | | | | | | | 10.5 | 5.4 |
| WNW | 1.9 | 2.2 | 1.0 | .1 | | | | | | | | 5.3 | 4.7 |
| NW | .7 | .9 | .4 | .2 | | | .1 | | | | | 2.4 | 6.4 |
| NNW | 1.3 | 2.1 | 1.1 | .1 | | | | | | | | 4.7 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 28.9 | 44.3 | 17.6 | 1.7 | .1 | | .1 | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 891

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72225E — MAXWELL AFB AL — 75-84 — JUN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1800-2000

CLASS — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.7 | 1.3 | .4 | | .1 | | | | | | | 5.6 | 3.6 |
| NNE | 2.0 | .6 | .1 | | | | | | | | | 3.6 | 2.7 |
| NE | 1.0 | .3 | | | | | | | | | | 1.3 | 2.9 |
| ENE | 2.5 | .3 | .1 | | | | | | | | | 2.9 | 2.7 |
| E | 2.0 | 2.2 | .3 | | | | | | | | | 5.4 | 3.6 |
| ESE | .8 | 1.6 | .2 | | .1 | | | | | | | 2.7 | 4.8 |
| SE | 1.6 | .7 | .4 | | | | | | | | | 2.7 | 4.2 |
| SSE | 1.0 | .4 | .6 | | | | | | | | | 2.0 | 3.7 |
| S | 4.7 | 2.8 | .3 | | .1 | | | | | | | 8.0 | 3.6 |
| SSW | 4.0 | 1.9 | .1 | .1 | | | | | | | | 7.1 | 3.1 |
| SW | 3.7 | 1.0 | .1 | | | | | | | | | 5.6 | 3.0 |
| WSW | 4.3 | 1.0 | .3 | .1 | | | | | | | | 6.6 | 3.2 |
| W | 3.6 | 1.7 | .3 | | | | | | | | | 5.9 | 3.2 |
| WNW | 2.1 | .7 | | | | | | | | | | 2.8 | 2.6 |
| NW | 1.1 | 1.0 | .2 | | | | | | | | | 2.4 | 3.7 |
| NNW | 1.6 | 1.3 | .8 | .1 | | | | | | | | 4.2 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.3 | |
| | 43.9 | 20.7 | 4.5 | .3 | .3 | | | | | | | 100.0 | 2.4 |

TOTAL NUMBER OF OBSERVATIONS 891

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2014

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | JUN |

CLASS: ALL WEATHER

HOURS (L.S.T.): 2100-2300

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 1.0 | .2 | | | | | | | | | 4.0 | 2.8 |
| NNE | 3.4 | .7 | .2 | | | | | | | | | 4.2 | 2.6 |
| NE | 1.7 | .7 | .2 | | | | | | | | | 2.5 | 3.4 |
| ENE | 1.0 | .8 | .2 | | | | | | | | | 2.0 | 3.8 |
| E | 1.7 | .5 | .2 | | | | | | | | | 2.4 | 2.9 |
| ESE | 1.5 | 1.0 | .3 | | | | | | | | | 2.9 | 3.9 |
| SE | 1.2 | 1.3 | .5 | | | | | | | | | 3.0 | 4.2 |
| SSE | 1.7 | 1.0 | .2 | | | | | | | | | 2.9 | 3.2 |
| S | 4.0 | 3.4 | .3 | .2 | | | | | | | | 7.9 | 3.6 |
| SSW | 2.7 | 1.3 | .3 | | | | | | | | | 4.4 | 3.3 |
| SW | 2.3 | | .2 | .2 | | | | | | | | 3.2 | 2.9 |
| WSW | 1.9 | 1.2 | | | | | | | | | | 3.0 | 3.0 |
| W | .8 | .5 | | | | | | | | | | 1.0 | 3.5 |
| WNW | .7 | | | | | | | | | | | .7 | 2.0 |
| NW | 1.3 | | | | | | | | | | | 1.3 | 1.6 |
| NNW | .9 | .7 | | | | | | | | | | 1.5 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 53.0 | |
| | 29.9 | 14.1 | 2.7 | .3 | | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 594

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 77-84 | JUL |

CLASS: ALL WEATHER

HOURS (L.S.T.): 0300-0500

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | .5 | | | | | | | | | | .5 | 4.0 |
| NNE | 5.5 | | | | | | | | | | | 5.5 | 2.3 |
| NE | 2.8 | .5 | | | | | | | | | | 3.2 | 2.1 |
| ENE | 3.7 | 2.3 | | | | | | | | | | 6.0 | 3.1 |
| E | 2.3 | 2.3 | | | | | | | | | | 5.0 | 3.0 |
| ESE | 2.3 | .9 | | | | | | | | | | 3.2 | 3.0 |
| SE | .5 | | .5 | | | | | | | | | .9 | 4.5 |
| SSE | 1.4 | | | | | | | | | | | 1.4 | 2.3 |
| S | 1.8 | .9 | | | | | | | | | | 2.8 | 2.7 |
| SSW | 3.2 | .5 | | | | | | | | | | 3.7 | 2.3 |
| SW | 3.7 | | | | | | | | | | | 3.7 | 1.9 |
| WSW | 3.2 | | | | | | | | | | | 3.2 | 1.9 |
| W | .5 | | | | | | | | | | | .5 | 2.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | .9 | | | | | | | | | | | .9 | 1.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 59.6 | |
| | 32.1 | 7.8 | .5 | | | | | | | | | 100.0 | 1.0 |

TOTAL NUMBER OF OBSERVATIONS 218

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | .2 | .1 | | | | | | | | | 2.5 | 2.5 |
| NNE | 3.1 | .5 | | | | | | | | | | 3.6 | 2.3 |
| NE | 3.7 | 1.1 | | | | | | | | | | 4.7 | 2.7 |
| ENE | 3.3 | 1.5 | .1 | | | | | | | | | 4.9 | 3.0 |
| E | 4.2 | 2.5 | 1.2 | .1 | | | | | | | | 8.0 | 3.9 |
| ESE | 1.7 | 1.0 | .4 | .2 | | | | | | | | 3.3 | 4.5 |
| SE | 1.2 | .6 | .1 | .1 | | | | | | | | 2.0 | 3.8 |
| SSE | 1.1 | 1.0 | .1 | | | | | | | | | 2.2 | 3.8 |
| S | 3.1 | .6 | .1 | | | | | | | | | 3.8 | 2.6 |
| SSW | 2.3 | .8 | .2 | | | | | | | | | 3.2 | 3.0 |
| SW | 3.1 | .8 | .2 | | | | | | | | | 4.0 | 2.7 |
| WSW | 5.6 | 1.9 | .2 | | | | | | | | | 7.7 | 2.7 |
| W | 4.7 | 2.3 | .1 | | | | | | | | | 7.1 | 2.9 |
| WNW | 2.5 | .6 | | | | | | | | | | 3.1 | 2.5 |
| NW | 1.4 | .3 | | | | | | | | | | 1.7 | 2.3 |
| NNW | 1.7 | .3 | .1 | | | | | | | | | 2.2 | 2.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.9 | |
| | 46.8 | 15.8 | 3.1 | .4 | | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2016

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72236S — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUL — MONTH

ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.5 | 1.2 | | | | | | | | | | 5.7 | 2.5 |
| NNE | 2.9 | 2.5 | | | | | | | | | | 5.4 | 3.1 |
| NE | 3.5 | 1.1 | | | | | | | | | | 4.6 | 2.7 |
| ENE | 3.2 | 3.5 | .4 | | | | | | | | | 7.7 | 3.7 |
| E | 2.9 | 3.3 | 1.0 | .1 | | | | | | | | 7.3 | 4.2 |
| ESE | 1.3 | 1.5 | .6 | .5 | | | | | | | | 4.5 | 5.4 |
| SE | .8 | .9 | .5 | .1 | | | | | | | | 2.3 | 5.0 |
| SSE | .5 | .5 | .2 | .1 | | | | | | | | 1.4 | 4.6 |
| S | 2.7 | 1.3 | .5 | | | | | | | | | 4.5 | 3.6 |
| SSW | 2.3 | 1.5 | .3 | | | | | | | | | 4.1 | 3.5 |
| SW | 3.1 | 1.5 | .5 | | | | | | | | | 5.2 | 3.5 |
| WSW | 4.1 | 3.8 | .3 | | | | | | | | | 8.2 | 3.5 |
| W | 4.3 | 4.7 | 1.1 | | | | | | | | | 10.6 | 4.0 |
| WNW | 2.3 | 1.8 | .2 | | | | | | | | | 4.8 | 3.3 |
| NW | 1.2 | 2.2 | .1 | | | | | | | | | 3.4 | 3.6 |
| NNW | 4.4 | 1.5 | .2 | | | | | | | | | 6.1 | 2.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.1 | |
| | 44.1 | 32.8 | 6.1 | .8 | | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72226 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.4 | 1.4 | .2 | | | | | | | | | 5.4 | 3.0 |
| NNE | 2.7 | 3.3 | .2 | | | | | | | | | 6.3 | 3.6 |
| NE | 1.8 | 1.7 | .3 | | | | | | | | | 3.9 | 3.8 |
| ENE | 3.0 | 2.6 | .5 | | | | | | | | | 6.2 | 3.6 |
| E | 1.6 | 2.9 | 2.3 | | | | | | | | | 6.8 | 5.4 |
| ESE | 1.3 | 1.3 | 1.0 | .5 | | | | | | | | 4.1 | 6.2 |
| SE | .9 | 1.0 | .5 | .3 | | | | | | | | 2.6 | 5.9 |
| SSE | .9 | 1.2 | .4 | .1 | | | | | | | | 2.6 | 5.2 |
| S | 2.8 | 2.7 | 1.0 | .2 | | | | | | | | 6.3 | 4.6 |
| SSW | 1.4 | 3.1 | .9 | .4 | .1 | | | | | | | 5.9 | 5.5 |
| SW | 1.6 | 2.3 | .4 | | .1 | | | | | | | 4.4 | 4.7 |
| WSW | 3.2 | 5.2 | 1.5 | | | | | | | | | 9.9 | 4.4 |
| W | 4.8 | 4.4 | 2.2 | .3 | | | | | | | | 11.7 | 4.5 |
| WNW | 1.6 | 3.6 | .5 | | | | | | | | | 5.8 | 4.5 |
| NW | 1.5 | .8 | .2 | .2 | | | | | | | | 2.7 | 4.4 |
| NNW | 3.6 | 2.5 | .4 | .1 | | | | | | | | 6.6 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.9 | |
| | 36.0 | 40.0 | 12.7 | 2.3 | .2 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 926

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2017

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72222.5 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.7 | 2.6 | .5 | .1 | | | | | | | | 8.0 | 3.4 |
| NNE | 3.5 | 3.2 | .1 | .1 | | | | | | | | 7.0 | 3.5 |
| NE | 1.7 | 2.2 | .1 | .1 | | | | | | | | 4.1 | 4.1 |
| ENE | 1.7 | 2.1 | .4 | | | | | | | | | 4.3 | 4.0 |
| E | 2.7 | 3.1 | 1.1 | | | | | | | | | 6.9 | 4.3 |
| ESE | .7 | .7 | 1.2 | .2 | | | | | | | | 2.7 | 6.4 |
| SE | .3 | 1.1 | .9 | .4 | | | | | | | | 2.7 | 7.0 |
| SSE | 1.0 | 1.6 | .9 | .7 | | | | | | | | 4.1 | 6.4 |
| S | 1.3 | 1.9 | 2.1 | .5 | | | | | | | | 5.8 | 6.4 |
| SSW | 1.2 | 2.8 | 1.2 | | | | | | | | | 5.2 | 5.1 |
| SW | 2.9 | 3.2 | .7 | .1 | | | | | | | | 6.9 | 4.0 |
| WSW | 3.7 | 3.1 | .7 | .1 | | | | | | | | 7.5 | 4.0 |
| W | 4.8 | 5.5 | 1.9 | .3 | | | | | | | | 12.4 | 4.7 |
| WNW | 2.3 | 2.6 | .2 | | | | | | | | | 5.1 | 3.7 |
| NW | 1.5 | 1.3 | .1 | | | | | | | | | 2.9 | 3.4 |
| NNW | 2.4 | 2.0 | .2 | | | | | | | | | 4.6 | 3.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 36.7 | 32.9 | 12.2 | 2.7 | | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 916

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | JUL |

CLASS: ALL WEATHER

HOURS (L.S.T.): 1900-2000

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | .6 | .3 | | | | | | | | | 3.7 | 3.0 |
| NNE | 2.3 | .3 | .1 | | | | | | | | | 2.9 | 2.5 |
| NE | 1.5 | .6 | .2 | | | | | | | | | 2.5 | 3.1 |
| ENE | 1.3 | .6 | .1 | | | | | | | | | 2.0 | 2.9 |
| E | 3.0 | 2.6 | .4 | .3 | .1 | | | | | | | 6.5 | 4.4 |
| ESE | .9 | .9 | | .4 | | | | | | | | 2.2 | 5.2 |
| SE | .9 | .8 | .9 | .2 | | | | | | | | 2.6 | 5.6 |
| SSE | 1.0 | 2.3 | .4 | .1 | | | | | | | | 4.7 | 4.3 |
| S | 4.4 | 3.1 | .9 | .1 | | | | | | | | 8.5 | 3.9 |
| SSW | 2.5 | 2.0 | .3 | .1 | | | | | | | | 5.7 | 3.8 |
| SW | 2.1 | 1.3 | .2 | | | | | | | | | 4.6 | 3.2 |
| WSW | 3.0 | 1.1 | .4 | | | | | | | | | 5.4 | 3.0 |
| W | 6.3 | 2.1 | .2 | | | | | | | | | 8.6 | 2.8 |
| WNW | 2.1 | .1 | | | | | | | | | | 2.2 | 2.0 |
| NW | 1.4 | .1 | .1 | | | | | | | | | 1.7 | 2.7 |
| NNW | 1.7 | .3 | | | | | | | | | | 2.0 | 2.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.3 | |
| | 41.1 | 19.5 | 4.6 | 1.3 | .1 | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS 999

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

12018

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 73-84 (YEARS) ~~JJJJ~~ (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | .7 | .5 | | | | | | | | | 1.8 | 4.4 |
| NNE | .7 | .2 | | .2 | | | | | | | | 1.0 | 4.3 |
| NE | 1.3 | .2 | .2 | | | | | | | | | 1.7 | 3.0 |
| ENE | 1.0 | .3 | | | | | | | | | | 1.3 | 2.9 |
| E | 2.8 | 2.5 | .5 | | | | | | | | | 5.8 | 3.7 |
| ESE | 1.3 | 1.8 | .7 | | | | | | | | | 3.8 | 4.5 |
| SE | 2.0 | 2.0 | .7 | | | | | | | | | 4.6 | 4.3 |
| SSE | 2.8 | 2.1 | .3 | | | | | | | | | 5.3 | 3.8 |
| S | 3.3 | 1.5 | .2 | | | | | | | | | 5.0 | 2.9 |
| SSW | 2.5 | .8 | | | | | | | | | | 3.3 | 2.6 |
| SW | 3.1 | .5 | | | | | | | | | | 3.6 | 2.2 |
| WSW | 4.5 | .5 | | | | | | | | | | 5.0 | 2.0 |
| W | 3.6 | .7 | | | | | | | | | | 4.3 | 2.1 |
| WNW | 1.3 | .2 | .2 | | | | | | | | | 1.7 | 2.8 |
| NW | 1.0 | .2 | | | | | | | | | | 1.2 | 1.9 |
| NNW | .8 | .2 | | | | | | | | | | 1.0 | 2.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 46.8 | |
| | 33.7 | 14.2 | 3.1 | .2 | | | | | | | | 100.0 | 1.6 |

TOTAL NUMBER OF OBSERVATIONS 606

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION | MAXWELL AFB AL STATION NAME | 75-76,78-80 YEARS | AUG MONTH

ALL WEATHER CLASS | [illegible] HOUR (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | [illegible] | | | | | | | | | | | [illegible] | [illegible] |
| NNE | 5.5 | [illegible] | | | | | | | | | | [illegible] | [illegible] |
| NE | 3.3 | [illegible] | | | | | | | | | | [illegible] | [illegible] |
| ENE | 6.1 | [illegible] | | | | | | | | | | [illegible] | [illegible] |
| E | 3.7 | 1.4 | | | | | | | | | | [illegible] | [illegible] |
| ESE | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |
| SE | [illegible] | [illegible] | | | | | | | | | | [illegible] | [illegible] |
| SSE | [illegible] | | | | | | | | | | | [illegible] | [illegible] |
| S | [illegible] | | | | | | | | | | | [illegible] | [illegible] |
| SSW | [illegible] | | | | | | | | | | | [illegible] | [illegible] |
| SW | [illegible] | [illegible] | | | | | | | | | | [illegible] | [illegible] |
| WSW | [illegible] | [illegible] | | | | | | | | | | [illegible] | [illegible] |
| W | [illegible] | | | | | | | | | | | [illegible] | [illegible] |
| WNW | [illegible] | [illegible] | | | | | | | | | | [illegible] | [illegible] |
| NW | [illegible] | | | | | | | | | | | [illegible] | [illegible] |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — MAXWELL AFB AL STATION NAME — 75-84 YEARS — ALL MONTH

ALL WEATHER CLASS — [illegible] HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | .2 | .1 | | | | | | | | | 1.4 | [illegible] |
| NNE | 4.[illegible] | 1.4 | .1 | | | | | | | | | 7.7 | [illegible] |
| NE | 3.4 | 1.2 | | | | | | | | | | 4.1 | [illegible] |
| ENE | 5.7 | 2.3 | | | | | | | | | | 8.1 | [illegible] |
| E | 4.2 | 4.1 | 1.4 | | | | | | | | | 10.4 | [illegible] |
| ESE | 1.3 | 1.2 | .5 | | | | | | | | | 3.1 | [illegible] |
| SE | 1.4 | 1.4 | | | | | | | | | | 2.8 | [illegible] |
| SSE | 1.4 | .6 | | | | | | | | | | 2.0 | [illegible] |
| S | 1.2 | .6 | | | | | | | | | | 1.8 | [illegible] |
| SSW | 1.7 | .3 | | | | | | | | | | 2.0 | [illegible] |
| SW | 2.3 | .1 | | | | | | | | | | 2.4 | [illegible] |
| WSW | 2.8 | .4 | .1 | | | | | | | | | 3.3 | [illegible] |
| W | 3.4 | 1.1 | .2 | | | | | | | | | 4.7 | [illegible] |
| WNW | 1.2 | .5 | .1 | | | | | | | | | 1.8 | [illegible] |
| NW | 1.2 | .2 | | | | | | | | | | 1.4 | [illegible] |
| NNW | 1.6 | .2 | | | | | | | | | | 1.8 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | 42.2 | 15.5 | 2.6 | | | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

12020

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72305 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
00UTC-23UTC — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 1.4 | | | | | | | | | | 4.6 | 2.4 |
| NNE | 3.8 | 1.8 | .1 | | | | | | | | | 5.7 | 2.1 |
| NE | 2.9 | 2.3 | .2 | | | | | | | | | 5.4 | 3.5 |
| ENE | 5.1 | 4.3 | .8 | | | | | | | | | 10.1 | 3.6 |
| E | 6.3 | 5.3 | 1.6 | .1 | | | | | | | | 13.3 | 4.1 |
| ESE | 2.0 | 2.4 | 1.2 | .1 | | | | | | | | 5.7 | 4.4 |
| SE | 1.2 | 1.4 | .1 | | | | | | | | | 2.7 | 3.4 |
| SSE | 1.4 | 2.0 | .2 | | | | | | | | | 3.7 | 3.4 |
| S | 2.4 | 1.2 | .4 | | | | | | | | | 4.0 | 3.4 |
| SSW | 2.1 | 1.1 | .3 | | | | | | | | | 3.4 | 3.4 |
| SW | 1.1 | 1.5 | | | | | | | | | | 2.5 | 3.8 |
| WSW | 3.2 | 2.7 | .2 | | | | | | | | | 5.1 | 3.4 |
| W | 3.5 | 3.4 | .2 | | .1 | | | | | | | 7.3 | 3.4 |
| WNW | 2.2 | 1.3 | .1 | | | | | | | | | 4.3 | 3.4 |
| NW | 1.7 | 1.4 | | | | | | | | | | 3.1 | 3.3 |
| NNW | 2.6 | 1.1 | .2 | | | | | | | | | 3.9 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 45.3 | 34.5 | 5.7 | .2 | .1 | | | | | | | 100.4 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 9744

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72 845 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.3 | 2.7 | .6 | | | | | | | | | 7.6 | 3.5 |
| NNE | 4.0 | 2.9 | .5 | | | | | | | | | 7.4 | 3.7 |
| NE | 1.7 | 2.7 | .5 | | | | | | | | | 4.9 | 4.1 |
| ENE | 1.3 | 3.4 | .4 | | | | | | | | | 6.0 | 4.4 |
| E | 3.3 | 5.1 | 2.7 | | | | | | | | | 11.5 | 4.8 |
| ESE | 1.0 | 3.2 | .9 | .4 | | | | | | | | 5.9 | 5.4 |
| SE | .9 | 1.3 | .5 | | | | | | | | | 2.7 | 4.4 |
| SSE | .5 | 2.2 | .6 | | | | | | | | | 3.3 | 4.9 |
| S | 1.0 | 3.3 | .9 | .1 | | | | | | | | 5.5 | 4.9 |
| SSW | 1.1 | 2.2 | .5 | | | | | | | | | 3.9 | 4.4 |
| SW | 1.9 | 2.7 | .4 | | | | | | | | | 5.1 | 4.1 |
| WSW | 2.5 | 3.8 | 1.1 | .1 | | | | | | | | 7.4 | 4.5 |
| W | 2.3 | 4.2 | .8 | .1 | | | | | | | | 9.4 | 4.6 |
| WNW | 1.2 | 2.4 | .8 | .1 | | | | | | | | 4.4 | 4.8 |
| NW | 1.0 | 1.4 | | | | | | | | | | 2.4 | 3.9 |
| NNW | 2.7 | 2.0 | .1 | | | | | | | | | 4.8 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 31.5 | 47.6 | 11.8 | .9 | | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | AUG |

CLASS: ALL WEATHER

HOURS (L.S.T.): 1500-1700

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.6 | 2.8 | .2 | | .1 | | | | | | | 7.5 | 3.6 |
| NNE | 3.2 | 2.3 | .6 | | | | | | | | | 6.1 | 3.7 |
| NE | 1.0 | 2.0 | .1 | | | | | | | | | 3.1 | 4.4 |
| ENE | 1.6 | 2.4 | .9 | | | | | | | | | 4.8 | 4.7 |
| E | 2.2 | 4.3 | 1.8 | | | | | | | | | 8.3 | 5.1 |
| ESE | .6 | 1.3 | 1.7 | | | | | | | | | 3.7 | 6.1 |
| SE | .9 | 2.0 | 1.1 | .1 | | | | | | | | 4.1 | 5.4 |
| SSE | 1.5 | 2.0 | .9 | .1 | | .1 | | | | | | 4.6 | 5.2 |
| S | 1.4 | 3.3 | 1.2 | .5 | .1 | | | | | | | 6.6 | 5.8 |
| SSW | 1.4 | 3.2 | .6 | | | | | | | | | 5.3 | 4.7 |
| SW | 2.2 | 2.7 | .6 | | | | | | | | | 5.5 | 4.0 |
| WSW | 3.2 | 4.3 | 1.2 | | | | | | | | | 9.2 | 4.3 |
| W | 3.1 | 5.4 | 1.2 | .1 | | | | | | | | 9.8 | 4.4 |
| WNW | 2.4 | 1.9 | .4 | | | | | | | | | 4.7 | 3.8 |
| NW | 1.7 | .9 | | .1 | | | | | | | | 2.7 | 3.4 |
| NNW | 2.3 | 1.7 | .4 | .2 | | | | | | | | 4.6 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 33.0 | 43.1 | 13.0 | 1.2 | .2 | .1 | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 970

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

~~723265~~ STATION ~~MAXWELL AFB AL~~ STATION NAME ~~75-84~~ YEARS ~~AUG~~ MONTH

ALL WEATHER CLASS ~~1000-2000~~ HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | .6 | .2 | | | | | | | | | 3.4 | 2.8 |
| NNE | 2.2 | .6 | | | | | | | | | | 2.8 | 2.7 |
| NE | 1.3 | .3 | | | | | | | | | | 2.6 | 3.0 |
| ENE | 3.2 | 1.7 | | | | | | | | | | 3.4 | 3.1 |
| E | 3.0 | 2.2 | .5 | .2 | | | | | | | | 6.0 | 4.1 |
| ESE | 1.5 | 1.9 | .5 | | | | | | | | | 4.3 | 3.9 |
| SE | 1.3 | 1.1 | .4 | | | | | | | | | 2.8 | 4.2 |
| SSE | 2.8 | 1.1 | .3 | | | | | | | | | 4.2 | 3.4 |
| S | 4.2 | 3.3 | .6 | .1 | | | | | | | | 8.3 | 3.8 |
| SSW | 3.2 | 1.9 | .2 | .1 | | | | | | | | 5.5 | 3.4 |
| SW | 2.7 | 1.3 | .1 | | | | | | | | | 4.1 | 3.1 |
| WSW | 2.1 | .6 | .1 | | | | | | | | | 3.9 | 2.7 |
| W | 4.2 | 1.5 | .4 | | | | | | | | | 6.1 | 3.1 |
| WNW | .9 | .9 | | | | | | | | | | 1.7 | 3.5 |
| NW | 1.0 | .3 | .1 | | | | | | | | | 1.4 | 3.5 |
| NNW | 1.4 | .4 | .1 | | | | | | | | | 1.7 | 2.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 37.5 | |
| | 32.3 | 19.9 | 3.9 | .4 | | | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS ~~929~~

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 723265 — STATION NAME: MAXWELL AFB AL — YEARS: 75-84 — MONTH: AUG

CLASS: ALL WEATHER — HOURS (L.S.T.): 2100-2300

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | .8 | | | | | | | | | | 2.1 | 2.4 |
| NNE | 2.4 | .3 | | .2 | | | | | | | | 2.9 | 2.3 |
| NE | 2.1 | | | | | | | | | | | 2.1 | 2.2 |
| ENE | 1.6 | .8 | | | | | | | | | | 2.4 | 2.7 |
| E | 4.4 | 2.1 | .5 | | | | | | | | | 6.9 | 3.4 |
| ESE | 1.5 | 1.0 | .2 | | | | | | | | | 2.7 | 3.6 |
| SE | 1.6 | 1.3 | .5 | | | | | | | | | 3.4 | 3.7 |
| SSE | 1.1 | 1.5 | | | | | | | | | | 2.6 | 3.4 |
| S | 3.5 | 2.4 | .2 | | | | | | | | | 7.1 | 3.1 |
| SSW | 3.4 | 1.0 | .3 | | | | | | | | | 4.7 | 3.0 |
| SW | 1.6 | .8 | | | | | | | | | | 2.4 | 2.8 |
| WSW | 1.3 | .3 | | | | | | | | | | 1.6 | 2.4 |
| W | 1.9 | .2 | | | | | | | | | | 2.1 | 2.2 |
| WNW | .5 | .3 | | | | | | | | | | .8 | 2.6 |
| NW | .3 | | | | | | | | | | | .3 | 2.0 |
| NNW | .2 | .2 | | | | | | | | | | .3 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 55.5 | |
| | 22.3 | 12.2 | 1.6 | .2 | | | | | | | | 100.0 | 1.3 |

TOTAL NUMBER OF OBSERVATIONS 620

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: 722265 — STATION NAME: MAXWELL AFB AL — YEARS: 76,78-84 — MONTH: SEP

CLASS: ALL WEATHER — HOURS (L.S.T.): 0300-0500

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 1.4 | .9 | | | | | | | | | 5.2 | 3.9 |
| NNE | 10.3 | 8.7 | | | | | | | | | | 15.1 | 2.7 |
| NE | 5.2 | 3.9 | | | | | | | | | | 9.0 | 3.2 |
| ENE | 6.1 | 3.3 | | | | | | | | | | 9.4 | 3.1 |
| E | 2.4 | 5.2 | | | | | | | | | | 7.5 | 4.0 |
| ESE | .9 | .5 | | .5 | | | | | | | | 1.9 | 6.0 |
| SE | | | .5 | | | | | | | | | .5 | 8.0 |
| SSE | .9 | | | | | | | | | | | .9 | 2.0 |
| S | .5 | | | | | | | | | | | .5 | 2.0 |
| SSW | .5 | | | | | | | | | | | .5 | 2.0 |
| SW | .5 | | | | | | | | | | | .5 | 1.0 |
| WSW | | .5 | | | | | | | | | | .5 | 4.0 |
| W | .9 | | | | | | | | | | | .9 | 2.0 |
| WNW | 1.4 | .5 | | | | | | | | | | 1.9 | 2.5 |
| NW | .5 | | | | | | | | | | | .5 | 2.0 |
| NNW | .9 | | | | | | | | | | | .9 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 44.3 | |
| | 34.8 | 19.7 | 1.4 | .5 | | | | | | | | 100.0 | 1.3 |

TOTAL NUMBER OF OBSERVATIONS 212

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72226 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.1 | 2.9 | .2 | | | | | | | | | 6.2 | 3.5 |
| NNE | 7.9 | 5.2 | .7 | .1 | | | | | | | | 13.9 | 3.6 |
| NE | 5.9 | 4.5 | .7 | | | | | | | | | 11.2 | 3.7 |
| ENE | 5.2 | 5.4 | 1.3 | .1 | | | | | | | | 12.1 | 4.1 |
| E | 3.6 | 4.8 | .9 | .2 | | | | | | | | 9.4 | 4.3 |
| ESE | 1.9 | 1.7 | .1 | .2 | | | | | | | | 3.9 | 3.9 |
| SE | .3 | .9 | .1 | | .1 | | | | | | | 1.4 | 5.6 |
| SSE | .1 | .4 | .2 | | | | | | | | | 1.1 | 5.2 |
| S | 1.2 | .8 | .1 | | | | | | | | | 2.1 | 3.1 |
| SSW | 1.0 | .4 | .1 | | | | | | | | | 1.6 | 3.4 |
| SW | .8 | .1 | .1 | | | | | | | | | 1.0 | 3.0 |
| WSW | 1.0 | .3 | | | | | | | | | | 1.3 | 2.5 |
| W | .9 | 1.0 | .1 | | | | | | | | | 1.9 | 3.7 |
| WNW | 1.7 | .2 | .2 | | | | | | | | | 2.3 | 3.0 |
| NW | 1.1 | .3 | | .2 | | | | | | | | 1.7 | 3.7 |
| NNW | .9 | .4 | | | | | | | | | | 1.4 | 2.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.4 | |
| | 35.2 | 30.3 | 5.3 | .9 | .1 | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS 950

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2024

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
SEP — MONTH

ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 2.9 | 1.6 | .2 | | .1 | | | | | | 7.4 | 5.0 |
| NNE | 4.0 | 4.9 | 1.0 | .2 | | | | | | | | 10.1 | 4.3 |
| NE | 2.9 | 3.3 | .8 | .2 | | | | | | | | 7.7 | 4.3 |
| ENE | 4.5 | 6.0 | 3.1 | .4 | | | | | | | | 14.1 | 5.0 |
| E | 4.4 | 7.7 | 4.8 | .4 | | | | | | | | 17.3 | 5.4 |
| ESE | 2.1 | 2.6 | .9 | | | | | | | | | 5.6 | 4.4 |
| SE | .7 | .8 | .4 | .1 | | .1 | | | | | | 2.1 | 6.2 |
| SSE | 1.2 | 1.4 | .3 | | .1 | .1 | | | | | | 3.2 | 5.2 |
| S | 1.2 | 1.3 | .9 | | | | | | | | | 3.4 | 4.6 |
| SSW | 1.2 | .8 | .6 | .1 | | | | | | | | 2.7 | 4.5 |
| SW | .8 | .8 | .6 | | | | | | | | | 2.2 | 4.5 |
| WSW | 1.1 | 1.2 | .3 | | | | | | | | | 2.7 | 4.0 |
| W | 1.7 | 1.8 | .6 | | | | | | | | | 4.0 | 4.0 |
| WNW | 1.1 | 1.2 | .7 | | | .1 | | | | | | 3.1 | 5.1 |
| NW | 1.0 | 1.1 | .3 | | | | | | | | | 2.4 | 4.4 |
| NNW | 1.0 | .9 | .6 | .1 | | | | | | | | 2.6 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.3 | |
| | 31.8 | 39.1 | 17.3 | 1.9 | .1 | .4 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

~~72225~~ STATION ~~MAXWELL AFB AL~~ STATION NAME ~~75-84~~ YEARS ~~SEP~~ MONTH

~~ALL WEATHER~~ CLASS ~~1200-1400~~ HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.8 | 4.7 | 2.4 | .2 | | | | | | | | 11.1 | 4.9 |
| NNE | 3.3 | 5.3 | 2.0 | .1 | | | | | | | | 10.6 | 4.7 |
| NE | 1.6 | 3.7 | 1.6 | .1 | | | | | | | | 6.9 | 5.1 |
| ENE | 2.4 | 5.1 | 1.9 | .3 | | | | | | | | 9.8 | 5.1 |
| E | 3.7 | 6.2 | 4.1 | .2 | | | | | | | | 14.2 | 5.4 |
| ESE | 1.1 | 2.2 | 1.6 | | | | | | | | | 4.9 | 5.3 |
| SE | .8 | 2.0 | .6 | | | | | | | | | 3.3 | 4.8 |
| SSE | 1.6 | 1.0 | 1.0 | .1 | | | | | | | | 3.7 | 4.8 |
| S | 1.2 | 1.1 | 1.0 | .3 | .2 | | | | | | | 3.9 | 6.0 |
| SSW | 1.1 | 2.2 | .3 | .1 | | .1 | | | | | | 3.9 | 5.2 |
| SW | .6 | 1.0 | .7 | .2 | | | | | | | | 2.4 | 5.7 |
| WSW | 1.3 | 2.3 | .7 | | | | | | | | | 4.3 | 4.6 |
| W | 1.2 | 3.1 | .9 | .4 | | | | | | | | 5.8 | 5.3 |
| WNW | 1.6 | 1.8 | .6 | .1 | | | | | | | | 4.0 | 4.5 |
| NW | 1.1 | 1.0 | .8 | | | | | | | | | 2.9 | 4.6 |
| NNW | .3 | 1.7 | 1.3 | .2 | | | | | | | | 3.4 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 26.8 | 44.4 | 21.3 | 2.4 | .2 | .1 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS ~~900~~

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

2025

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72265 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.2 | 5.1 | 2.6 | | | | | | | | | 13.0 | 4.5 |
| NNE | 4.0 | 3.6 | 1.2 | .1 | | | | | | | | 9.9 | 4.0 |
| NE | 2.3 | 3.0 | .4 | .1 | | | | | | | | 6.8 | 4.0 |
| ENE | 2.9 | 4.2 | 1.1 | .3 | | | | | | | | 8.5 | 4.6 |
| E | 1.9 | 6.4 | 2.7 | | | | | | | | | 11.0 | 5.2 |
| ESE | 1.1 | 1.3 | .8 | .1 | | | | | | | | 3.8 | 5.2 |
| SE | 1.0 | 1.2 | .7 | | | | | | | | | 3.4 | 4.6 |
| SSE | 1.1 | 1.3 | .6 | | | | | | | | | 3.0 | 4.6 |
| S | 1.7 | 1.8 | 1.0 | .1 | | .1 | | | | | | 4.7 | 5.2 |
| SSW | 1.4 | 1.2 | .6 | .3 | | | | | | | | 3.6 | 5.0 |
| SW | 2.0 | 1.3 | .3 | | | | | | | | | 3.7 | 3.8 |
| WSW | 1.7 | 1.2 | .2 | .2 | .1 | | | | | | | 3.4 | 4.4 |
| W | 2.6 | 3.3 | .9 | .2 | | | | | | | | 7.0 | 4.3 |
| WNW | 1.3 | 1.8 | .6 | .2 | | | | | | | | 4.2 | 5.2 |
| NW | .9 | .3 | .3 | | | | | | | | | 1.6 | 3.9 |
| NNW | 1.6 | 1.6 | 1.2 | .2 | | | | | | | | 4.6 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.9 | |
| | 32.9 | 40.7 | 15.8 | 2.2 | .1 | .1 | | | | | | 100.8 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72225 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.7 | 3.1 | .2 | .1 | | | | | | | | 8.7 | 3.7 |
| NNE | 2.2 | 1.3 | .8 | | | | | | | | | 5.7 | 3.1 |
| NE | 2.9 | 1.8 | .3 | | | | | | | | | 5.0 | 3.4 |
| ENE | 3.2 | 2.3 | .8 | .3 | | | | | | | | 6.7 | 4.3 |
| E | 3.6 | 3.0 | .7 | .1 | | | | | | | | 7.3 | 4.0 |
| ESE | 1.6 | 2.1 | .9 | | | | | | | | | 4.6 | 4.4 |
| SE | .2 | .9 | | | | | | | | | | 1.2 | 4.0 |
| SSE | 1.0 | 1.3 | .2 | | | | | | | | | 2.6 | 4.1 |
| S | 1.9 | 1.1 | .8 | | | | | | | | | 3.8 | 3.9 |
| SSW | 1.5 | .6 | | | | | | | | | | 2.1 | 2.7 |
| SW | 1.1 | .2 | .8 | | | | | | | | | 1.8 | 3.9 |
| WSW | 2.0 | .1 | .2 | | | | | | | | | 2.3 | 2.6 |
| W | 2.1 | .4 | .2 | | | | | | | | | 2.6 | 2.9 |
| WNW | 1.0 | .1 | | | | | | | | | | 1.1 | 2.0 |
| NW | 2.0 | .7 | .1 | | | | | | | | | 2.8 | 2.2 |
| NNW | 2.3 | .9 | .2 | | .1 | | | | | | | 3.6 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.8 | |
| | 34.7 | 22.8 | 5.2 | .6 | .1 | | | | | | | 100.8 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9202

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
SEP — MONTH

ALL WEATHER — CLASS
2100-2300 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | 3.2 | .8 | | | | | | | | | 6.5 | 4.2 |
| NNE | 6.3 | 1.7 | .3 | | | | | | | | | 8.3 | 2.9 |
| NE | 3.7 | 1.0 | | | | | | | | | | 4.7 | 2.6 |
| ENE | 3.5 | 2.2 | .5 | .2 | | | | | | | | 6.3 | 3.8 |
| E | 2.7 | 3.2 | 2.0 | | | | | | | | | 7.8 | 4.9 |
| ESE | .7 | 1.2 | .2 | | .2 | | | | | | | 2.3 | 5.2 |
| SE | 1.2 | 1.0 | .3 | .2 | | | | | | | | 2.7 | 4.6 |
| SSE | 1.7 | 1.3 | | | | | | | | | | 3.0 | 3.2 |
| S | 1.5 | 1.5 | .2 | | | | | | | | | 3.2 | 3.8 |
| SSW | 1.5 | .2 | | | | | | | | | | 1.7 | 2.3 |
| SW | .5 | .2 | | | | | | | | | | .7 | 2.8 |
| WSW | 1.0 | .3 | | | | | | | | | | 1.3 | 2.5 |
| W | .5 | .7 | | | | | | | | | | 1.2 | 3.7 |
| WNW | 1.5 | .8 | | | | | | | | | | 2.3 | 3.0 |
| NW | .5 | .5 | | | | | | | | | | 1.0 | 2.8 |
| NNW | 1.3 | .3 | | | | | | | | | | 2.2 | 2.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 45.0 | |
| | 31.0 | 19.2 | 4.3 | .3 | .2 | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 630

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] — STATION
MAXWELL AFB AL — STATION NAME
[illegible] — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.1 | | | | | | | | | | [illegible] | [illegible] |
| NNE | 10.3 | 2.6 | 1.0 | | | | | | | | | [illegible] | [illegible] |
| NE | 7.7 | [illegible] | | | | | | | | | | [illegible] | [illegible] |
| ENE | 4.6 | .5 | [illegible] | | | | | | | | | [illegible] | [illegible] |
| E | 3.1 | 1.0 | 1.0 | | | | | | | | | [illegible] | [illegible] |
| ESE | 1.5 | 1.0 | .5 | | | | | | | | | [illegible] | [illegible] |
| SE | 1.0 | .5 | | | | | | | | | | [illegible] | [illegible] |
| SSE | | | | | | | | | | | | | |
| S | 1.0 | | | | | | | | | | | [illegible] | [illegible] |
| SSW | .5 | | | | | | | | | | | [illegible] | [illegible] |
| SW | 1.0 | .5 | | | | | | | | | | [illegible] | [illegible] |
| WSW | .5 | .5 | | | | | | | | | | [illegible] | [illegible] |
| W | 1.5 | .5 | | | | | | | | | | [illegible] | [illegible] |
| WNW | 1.0 | 1.5 | | | | | | | | | | [illegible] | [illegible] |
| NW | 1.0 | .5 | .5 | | | | | | | | | [illegible] | [illegible] |
| NNW | 1.5 | 1.0 | 1.5 | | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | 37.6 | [illegible] | 4.5 | | | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL-64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: [illegible] STATION NAME: MAXWELL AFB AL YEARS: 74-84 MONTH: [illegible]

CLASS: ALL WEATHER HOUR (L.S.T.): [illegible]

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 2.4 | 1.7 | .7 | | | | | | | | 6.9 | 5.1 |
| NNE | 6.4 | 2.5 | .8 | | | | | | | | | 9.7 | 3.4 |
| NE | 5.6 | 3.6 | .4 | | | | | | | | | 10.7 | 3.4 |
| ENE | 4.9 | 4.0 | .7 | | | | | | | | | 9.6 | 3.6 |
| E | 2.1 | 3.9 | 1.6 | .1 | | | | | | | | 7.7 | 4.4 |
| ESE | .5 | 1.4 | .4 | .1 | | | | | | | | 2.4 | 4.1 |
| SE | .4 | .4 | .5 | .2 | | | | | | | | 1.6 | 6.4 |
| SSE | .1 | .0 | .2 | .1 | | | | | | | | 1.5 | 5.1 |
| S | 1.0 | .4 | .1 | | | | | | | | | 1.5 | 3.5 |
| SSW | .3 | .1 | .4 | | | | | | | | | .9 | 5.4 |
| SW | .4 | .7 | | | | | | | | | | 1.1 | 4.1 |
| WSW | .0 | .2 | .1 | | | | | | | | | 1.2 | 3.4 |
| W | 2.0 | .9 | .5 | .2 | | | | | | | | 3.6 | 4.2 |
| WNW | 1.2 | 1.3 | .4 | | | | | | | | | 2.9 | 4.4 |
| NW | .4 | .7 | .0 | .1 | | | | | | | | 2.4 | 4.6 |
| NNW | .5 | 1.3 | 1.2 | | | | | | | | | 3.1 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.1 | |
| | 30.5 | 24.7 | 9.6 | 1.2 | | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 918

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72265 — STATION
MAXWELL AFB AL — STATION NAME
78-84 — YEARS
[illegible] — HOURS (L.S.T.)

ALL WEATHER — CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 3.0 | 3.1 | .2 | | | | | | | | [illegible] | [illegible] |
| NNE | 3.3 | 2.7 | .8 | .1 | | | | | | | | [illegible] | [illegible] |
| NE | 3.6 | 2.2 | .3 | | | | | | | | | [illegible] | [illegible] |
| ENE | 4.9 | 4.9 | 1.4 | | | | | | | | | [illegible] | [illegible] |
| E | 3.5 | 6.5 | 5.2 | .2 | | | | | | | | [illegible] | [illegible] |
| ESE | 1.4 | 2.7 | 2.6 | .1 | | | | | | | | [illegible] | [illegible] |
| SE | 1.3 | 1.9 | .7 | .5 | | | | | | | | [illegible] | [illegible] |
| SSE | 1.2 | 1.9 | 1.0 | .2 | | | | | | | | [illegible] | [illegible] |
| S | .9 | 1.5 | .8 | | | | | | | | | [illegible] | [illegible] |
| SSW | 1.0 | .4 | 1.0 | .1 | | | | | | | | [illegible] | [illegible] |
| SW | 1.1 | .4 | .3 | | | | | | | | | [illegible] | [illegible] |
| WSW | .8 | 1.3 | .4 | .1 | | | | | | | | [illegible] | [illegible] |
| W | 1.4 | 2.3 | 1.2 | .1 | | | | | | | | [illegible] | [illegible] |
| WNW | .9 | .9 | 1.0 | | | | | | | | | [illegible] | [illegible] |
| NW | .6 | .5 | 1.4 | .3 | | | | | | | | [illegible] | [illegible] |
| NNW | .9 | 1.2 | 1.0 | .1 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible] | |
| | 28.6 | 34.5 | 27.9 | [illegible] | | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L NAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

~~72265~~ STATION ~~MAXWELL AFB AL~~ STATION NAME ~~75-84~~ YEARS ~~ALL~~ MONTH

~~ALL WEATHER~~ CLASS ~~1 AND 2 (LST)~~ HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 2.9 | 2.7 | .2 | | | | | | | | 8.1 | 5.6 |
| NNE | 1.6 | 2.3 | .9 | .2 | | | | | | | | 5.0 | 4.4 |
| NE | 1.6 | 2.2 | .3 | | | | | | | | | 4.1 | 3.4 |
| ENE | 3.0 | 3.9 | 1.4 | | | | | | | | | 8.3 | 4.4 |
| E | 4.0 | 6.0 | 2.0 | | | | | | | | | 12.0 | 5.0 |
| ESE | 1.6 | 2.0 | 1.7 | .1 | | | | | | | | 5.4 | 5.2 |
| SE | .3 | 1.3 | 1.3 | .1 | | | | | | | | 3.0 | 5.5 |
| SSE | 1.3 | 1.6 | 1.3 | .3 | | | | | | | | 4.5 | 4.4 |
| S | 1.7 | 2.3 | 2.3 | .3 | | | | | | | | 6.1 | 5.0 |
| SSW | .5 | 1.7 | .9 | .4 | | | | | | | | 3.5 | 5.4 |
| SW | .6 | 1.3 | 1.0 | | | | | | | | | 2.9 | 5.0 |
| WSW | 1.4 | 1.6 | .6 | | | | | | | | | 3.7 | 4.5 |
| W | 2.3 | 2.7 | 2.3 | .1 | | | | | | | | 7.3 | 5.4 |
| WNW | 1.1 | 2.2 | 2.4 | .2 | | | | | | | | 5.8 | 5.1 |
| NW | 1.1 | 1.9 | 1.3 | .4 | | | | | | | | 4.7 | 5.0 |
| NNW | 1.5 | 1.7 | 2.7 | .4 | | | | | | | | 6.4 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.1 | |
| | 25.5 | 37.6 | 26.2 | 2.2 | | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 937

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72225 — STATION
MAXWELL AFB AL — STATION NAME
75-04 — YEARS
OCT — MONTH

ALL WEATHER — CLASS
1500-1700 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.1 | 4.4 | 2.6 | .2 | | | | | | | | 10.6 | 5.2 |
| NNE | 3.6 | 2.0 | .3 | | | | | | | | | 6.1 | 3.3 |
| NE | 1.7 | 1.4 | .3 | | | | | | | | | 3.5 | 3.7 |
| ENE | 2.2 | 2.6 | .9 | | | | | | | | | 6.4 | 4.1 |
| E | 3.7 | 6.3 | 1.3 | .2 | | | | | | | | 11.4 | 4.5 |
| ESE | .6 | 2.6 | 1.2 | .1 | | | | | | | | 4.5 | 5.6 |
| SE | .8 | .8 | .9 | .1 | | | | | | | | 2.6 | 5.8 |
| SSE | 1.2 | 2.3 | .8 | .2 | | | | | | | | 4.4 | 5.1 |
| S | 1.3 | 2.4 | .8 | | .1 | | | | | | | 4.5 | 5.1 |
| SSW | 1.1 | 1.2 | .3 | | | | | | | | | 2.8 | 4.5 |
| SW | 1.2 | .5 | .5 | | | | | | | | | 2.2 | 3.8 |
| WSW | 1.5 | 1.2 | .3 | | | | | | | | | 3.0 | 4.0 |
| W | 2.7 | 2.5 | 1.1 | .3 | | | | | | | | 6.6 | 4.5 |
| WNW | 1.0 | 1.2 | .8 | .1 | | | | | | | | 4.1 | 4.3 |
| NW | 1.7 | 2.8 | 1.6 | .2 | | | | | | | | 6.4 | 4.3 |
| NNW | .9 | 2.0 | 3.0 | .1 | | | | | | | | 6.0 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.2 | |
| | 29.0 | 34.2 | 17.0 | 1.6 | .1 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72-2-5 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2400 (HOUR (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.1 | 3.1 | 1.5 | | | | | | | | | 7.7 | 4.1 |
| NNE | 3.2 | .9 | | | | | | | | | | 4.1 | 3.4 |
| NE | 2.6 | .8 | | | | | | | | | | 3.4 | 3.7 |
| ENE | 2.6 | .9 | .1 | | | | | | | | | 3.6 | 3.4 |
| E | 3.9 | 4.6 | 1.8 | .1 | | | | | | | | 10.4 | 4.4 |
| ESE | .1 | 2.3 | .6 | .1 | | | | | | | | 3.1 | 4.7 |
| SE | .3 | 1.4 | .2 | | | | | | | | | 1.9 | 4.3 |
| SSE | .4 | .5 | .2 | | | | | | | | | 1.2 | 4.4 |
| S | 1.3 | 1.4 | .1 | | | | | | | | | 2.8 | 4.4 |
| SSW | .6 | .4 | | | | | | | | | | 1.1 | 3.1 |
| SW | .6 | .1 | | | | | | | | | | .8 | 2.6 |
| WSW | 1.1 | | | | | | | | | | | 1.1 | 2.4 |
| W | 1.7 | 1.1 | .1 | | | | | | | | | 2.9 | 3.1 |
| WNW | 2.4 | 1.5 | .4 | | | | | | | | | 4.4 | 3.6 |
| NW | 1.3 | .9 | .1 | | | | | | | | | 2.3 | 3.3 |
| NNW | 2.7 | 2.2 | .9 | | | | | | | | | 5.8 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 43.5 | |
| | 24.6 | 22.1 | 5.6 | .2 | | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 427

2030

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72286 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
OCT — MONTH

ALL WEATHER — CLASS
2100-2300 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.7 | 3.2 | .4 | | | | | | | | | 7.6 | 3.4 |
| NNE | 3.7 | 1.9 | | | | | | | | | | 5.6 | 2.4 |
| NE | 2.9 | 1.0 | | | | | | | | | | 3.9 | 2.4 |
| ENE | 2.1 | 2.2 | | | | | | | | | | 4.3 | 3.4 |
| E | 3.1 | 3.8 | 1.9 | | | | | | | | | 7.8 | 5.1 |
| ESE | 3.1 | 1.4 | 1.3 | | | | | | | | | 3.8 | 5.3 |
| SE | .3 | .3 | .5 | | | | | | | | | 1.1 | 5.1 |
| SSE | .3 | .5 | .3 | | | | | | | | | 1.6 | 4.4 |
| S | 1.3 | 1.1 | .2 | | | | | | | | | 3.0 | 3.3 |
| SSW | .5 | .6 | | | | | | | | | | 1.1 | 3.7 |
| SW | .5 | | | | | | | | | | | .5 | 2.0 |
| WSW | .3 | | | | | | | | | | | .8 | 1.6 |
| W | 1.1 | .8 | .5 | .2 | | | | | | | | 2.6 | 4.9 |
| WNW | .8 | .8 | .5 | | | | | | | | | 2.1 | 4.5 |
| NW | 1.3 | 1.3 | | | | | | | | | | 2.6 | 3.2 |
| NNW | 1.1 | 2.4 | .2 | | | | | | | | | 3.7 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 43.4 | |
| | 24.4 | 21.2 | 5.8 | .2 | | | | | | | | 100.0 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS 624

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

~~72223~~ STATION ~~MAXWELL AFB AL~~ STATION NAME ~~75-84~~ YEARS ~~OCT~~ MONTH

ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 3.2 | 1.9 | .2 | | | | | | | | 7.8 | 5.1 |
| NNE | 3.3 | 2.2 | .5 | .1 | | | | | | | | 6.6 | 3.5 |
| NE | 3.3 | 1.8 | .2 | | | | | | | | | 5.4 | 3.2 |
| ENE | 3.5 | 3.0 | .3 | | | | | | | | | 7.6 | 3.9 |
| E | 3.2 | 5.1 | 2.6 | .1 | | | | | | | | 11.1 | 5.0 |
| ESE | .9 | 2.1 | 1.3 | .1 | | | | | | | | 4.4 | 5.5 |
| SE | .6 | 1.1 | .7 | .2 | | | | | | | | 2.6 | 5.4 |
| SSE | .8 | 1.3 | .6 | .1 | | | | | | | | 2.8 | 5.3 |
| S | 1.2 | 1.5 | .7 | .1 | .0 | | | | | | | 3.5 | 4.9 |
| SSW | .7 | .4 | .5 | .1 | | | | | | | | 2.1 | 5.2 |
| SW | .9 | .5 | .3 | | | | | | | | | 1.6 | 4.4 |
| WSW | 1.1 | .4 | .3 | .9 | | | | | | | | 2.1 | 4.4 |
| W | 2.2 | 1.7 | .9 | .1 | | | | | | | | 4.8 | 4.6 |
| WNW | 1.4 | 1.4 | 1.1 | .1 | | | | | | | | 3.9 | 5.4 |
| NW | 1.2 | 1.3 | .2 | .2 | | | | | | | | 3.6 | 5.2 |
| NNW | 1.3 | 1.8 | 1.7 | .1 | | | | | | | | 5.0 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.6 | |
| | 23.4 | 29.6 | 15.8 | 1.4 | .0 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS ~~5448~~

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2021

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72226 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0600-0900 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 2.0 | 1.1 | .2 | | | | | | | | 6.2 | 4.7 |
| NNE | 2.7 | 3.7 | .6 | | | | | | | | | 9.0 | 3.5 |
| NE | 4.9 | 2.5 | .1 | | | | | | | | | 7.5 | 3.1 |
| ENE | 4.1 | 2.3 | .6 | .1 | | | | | | | | 7.6 | 3.7 |
| E | 3.1 | 4.6 | 1.5 | | | | | | | | | 9.1 | 4.7 |
| ESE | .5 | 1.5 | 1.1 | .1 | | | | | | | | 3.2 | 5.9 |
| SE | .4 | 1.2 | .9 | | | | | | | | | 2.5 | 5.7 |
| SSE | .5 | .6 | .9 | | | | | | | | | 2.0 | 5.5 |
| S | .6 | .7 | .6 | .1 | | | | | | | | 2.1 | 5.7 |
| SSW | .5 | | | | | | | | | | | .5 | 2.0 |
| SW | .5 | .2 | | | | | | | | | | .7 | 3.4 |
| WSW | 1.4 | .2 | | | | | | | | | | 1.2 | 2.4 |
| W | 1.6 | 1.5 | 1.2 | .1 | | | | | | | | 4.4 | 5.1 |
| WNW | 1.2 | 1.5 | 1.5 | .2 | | | | | | | | 4.4 | 5.2 |
| NW | .9 | 1.5 | .7 | .2 | | | | | | | | 3.3 | 5.4 |
| NNW | .6 | 1.6 | 1.2 | .2 | | | | | | | | 3.7 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.6 | |
| | 25.9 | 26.9 | 12.1 | 1.5 | | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 416

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

(2222-5) STATION — MAXWELL AFB AL STATION NAME — 75-84 YEARS — NOV MONTH

ALL WEATHER CLASS — 0900-1200 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 3.9 | 2.1 | .1 | | | | | | | | 7.6 | 5.5 |
| NNE | 2.5 | 2.0 | 1.0 | | | | | | | | | 5.6 | 4.4 |
| NE | 3.7 | 2.2 | 1.1 | .1 | | | | | | | | 6.1 | 4.3 |
| ENE | 3.7 | 3.2 | .7 | | | | | | | | | 7.6 | 4.1 |
| E | 3.2 | 5.9 | 2.5 | | | | | | | | | 11.6 | 4.4 |
| ESE | .7 | 3.3 | 1.3 | .1 | | | | | | | | 5.5 | 5.6 |
| SE | .8 | 2.6 | 1.6 | .2 | | | | | | | | 5.1 | 6.0 |
| SSE | .7 | 2.8 | 1.1 | .4 | | | | | | | | 5.0 | 6.4 |
| S | .8 | 1.3 | 1.7 | 1.2 | | | | | | | | 5.0 | 7.7 |
| SSW | 1.2 | .6 | .9 | .2 | | | | | | | | 2.9 | 5.7 |
| SW | .9 | .4 | .6 | | | | | | | | | 1.9 | 4.9 |
| WSW | 1.2 | 1.2 | .6 | | | | | | | | | 3.0 | 4.0 |
| W | .8 | 1.3 | 1.8 | .2 | | | | | | | | 4.1 | 6.5 |
| WNW | 1.0 | 1.7 | 2.1 | .6 | .1 | | | | | | | 5.5 | 6.9 |
| NW | .1 | 1.8 | 2.8 | 1.0 | | | | | | | | 5.7 | 8.3 |
| NNW | .9 | 1.3 | 1.2 | .4 | | | | | | | | 3.8 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 22.9 | 35.6 | 23.9 | 4.7 | .1 | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 897

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2022

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72225 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 3.6 | 1.7 | | | | | | | | | 7.4 | 4.9 |
| NNE | 2.1 | 1.7 | .9 | .1 | | | | | | | | 4.8 | 4.6 |
| NE | 1.1 | 2.1 | .4 | .1 | | | | | | | | 3.8 | 4.7 |
| ENE | 1.7 | 2.7 | .3 | | | | | | | | | 4.7 | 4.1 |
| E | 2.5 | 5.1 | .8 | | | | | | | | | 8.4 | 4.5 |
| ESE | 1.4 | 3.0 | 1.4 | .1 | | | | | | | | 6.0 | 5.2 |
| SE | 1.2 | 1.7 | 1.9 | .2 | | | | | | | | 5.0 | 5.4 |
| SSE | 1.7 | 2.0 | 2.1 | .4 | | | | | | | | 5.6 | 6.4 |
| S | 1.3 | 2.0 | 2.9 | 2.1 | .1 | | | | | | | 8.5 | 8.2 |
| SSW | 1.2 | 1.3 | 1.4 | 1.3 | | | | | | | | 5.4 | 7.5 |
| SW | .9 | 1.7 | .6 | .1 | | | | | | | | 3.2 | 5.1 |
| WSW | 1.0 | .8 | .7 | .1 | | .1 | | | | | | 2.7 | 5.0 |
| W | 1.4 | 2.3 | 2.2 | .8 | | | | | | | | 6.8 | 6.5 |
| WNW | 1.0 | 1.8 | 2.2 | 1.0 | | | | | | | | 6.0 | 7.3 |
| NW | .6 | 1.8 | 3.1 | 1.9 | | | | | | | | 7.4 | 8.3 |
| NNW | .8 | 2.2 | 2.7 | 1.2 | .1 | | | | | | | 7.0 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.5 | |
| | 21.4 | 35.2 | 25.4 | 9.6 | .2 | .1 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 897

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

~~72225~~ STATION ~~MAXWELL AFB AL~~ STATION NAME ~~75-84~~ YEARS ~~NOV~~ MONTH

ALL WEATHER CLASS ~~1500-1700~~ HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.5 | 4.8 | 1.2 | | | | | | | | | 8.7 | 4.3 |
| NNE | 1.6 | 1.3 | .3 | | | | | | | | | 3.2 | 3.7 |
| NE | 1.7 | 1.6 | .2 | | | | | | | | | 3.5 | 3.8 |
| ENE | 1.3 | 1.0 | .3 | .1 | | | | | | | | 2.8 | 4.0 |
| E | 3.1 | 4.1 | 1.7 | .4 | | | | | | | | 9.4 | 4.8 |
| ESE | 1.0 | 1.7 | 1.3 | .1 | | | | | | | | 4.1 | 5.5 |
| SE | .5 | 1.4 | 1.3 | .2 | | | | | | | | 3.6 | 5.9 |
| SSE | 1.5 | 2.3 | 1.3 | .4 | | | | | | | | 5.7 | 5.4 |
| S | 1.4 | 1.9 | .9 | 1.3 | .3 | .1 | | | | | | 5.9 | 7.7 |
| SSW | 1.9 | .8 | .7 | .1 | | | | | | | | 3.5 | 4.5 |
| SW | 1.6 | 1.0 | .3 | .1 | | | | | | | | 3.0 | 4.1 |
| WSW | 1.2 | .7 | .8 | .2 | | | | | | | | 2.9 | 5.1 |
| W | 1.7 | 1.0 | 1.2 | .2 | | | | | | | | 4.9 | 5.0 |
| WNW | 1.3 | 1.7 | 2.0 | 1.0 | | | | | | | | 6.5 | 6.6 |
| NW | 1.1 | 1.9 | 2.7 | .4 | | | | | | | | 6.1 | 6.6 |
| NNW | 2.1 | 2.3 | 2.7 | .8 | | | | | | | | 7.9 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.4 | |
| | 27.1 | 29.4 | 19.1 | 5.6 | .3 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS ~~897~~

2023

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
NOV — MONTH

ALL WEATHER — CLASS
1800-2000 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | 2.1 | .9 | | | | | | | | | 5.5 | 4.3 |
| NNE | 2.7 | 1.2 | .2 | | | | | | | | | 4.1 | 3.1 |
| NE | 1.2 | 1.0 | | | | | | | | | | 2.2 | 3.0 |
| ENE | 1.3 | 1.3 | | | | | | | | | | 2.7 | 3.3 |
| E | 2.5 | 3.6 | .8 | .2 | | | | | | | | 6.5 | 4.5 |
| ESE | 1.0 | 1.4 | 1.1 | | | | | | | | | 3.6 | 5.2 |
| SE | .4 | 1.4 | .1 | .3 | | | | | | | | 2.3 | 5.6 |
| SSE | 2.3 | 1.3 | .9 | .3 | | | | | | | | 4.9 | 4.8 |
| S | 2.0 | 1.4 | .9 | 1.0 | | | | | | | | 5.4 | 6.9 |
| SSW | .6 | .9 | .1 | .2 | | | | | | | | 1.8 | 5.4 |
| SW | .3 | .1 | | | | | | | | | | .4 | 2.8 |
| WSW | 1.6 | .3 | | | | | | | | | | 1.9 | 2.3 |
| W | 1.0 | 1.4 | .1 | .1 | | | | | | | | 2.7 | 4.3 |
| WNW | 1.4 | 2.1 | 1.2 | .1 | | | | | | | | 4.9 | 4.8 |
| NW | 3.6 | 2.1 | 1.4 | .2 | | | | | | | | 7.4 | 4.3 |
| NNW | 1.7 | 2.1 | 1.1 | .1 | | | | | | | | 5.0 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 38.8 | |
| | 26.1 | 23.5 | 8.9 | 2.7 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

~~722265~~ STATION ~~MAXWELL AFB AL~~ STATION NAME ~~75-84~~ YEARS ~~NOV~~ MONTH

ALL WEATHER CLASS ~~2100-2300~~ HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | | |
| NNE | 2.2 | 2.3 | 1.1 | | | | | | | | | 5.7 | 4.4 |
| NE | 3.3 | 3.0 | .4 | | | | | | | | | 6.8 | 3.5 |
| ENE | 1.2 | 1.3 | .1 | | | | | | | | | 2.7 | 3.4 |
| E | 1.5 | .9 | | | | | | | | | | 2.5 | 3.0 |
| ESE | 1.7 | 2.1 | .8 | | | | | | | | | 4.6 | 4.3 |
| SE | .1 | 2.1 | 1.1 | .1 | | | | | | | | 3.5 | 6.1 |
| SSE | .6 | 1.0 | .3 | .2 | | | | | | | | 2.1 | 5.3 |
| S | 1.5 | 1.2 | .1 | | | | | | | | | 2.8 | 3.6 |
| SSW | 1.1 | 2.0 | .9 | .1 | .1 | | | | | | | 4.2 | 5.6 |
| SW | .9 | .7 | .7 | .1 | .1 | | | | | | | 2.3 | 6.0 |
| WSW | .3 | .2 | .2 | | | | | | | | | 1.0 | 4.4 |
| W | .6 | .1 | | | | | | | | | | .7 | 2.2 |
| WNW | 1.5 | 1.2 | 1.0 | .2 | | | | | | | | 3.9 | 5.1 |
| NW | 1.3 | 1.6 | 1.7 | .2 | | | | | | | | 5.2 | 5.3 |
| NNW | .9 | 1.0 | 1.5 | | | | | | | | | 3.3 | 5.8 |
| VARBL | 2.1 | 2.0 | .6 | .2 | | | | | | | | 5.3 | 4.6 |
| CALM | | | | | | | | | | | | 43.4 | |
| | 21.4 | 22.8 | 10.3 | 1.2 | .2 | | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS ~~896~~

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2034

[illegible] AL CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

~~72226~~ STATION ~~MAXWELL AFB AL~~ STATION NAME ~~74-84~~ YEARS ~~[illegible]~~ MONTH

~~ALL WEATHER~~ PLATE ~~[illegible]~~ HOUR (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 2.2 | 1.3 | .1 | | | | | | | | 6.6 | [illegible] |
| NNE | 5.6 | 3.6 | 1.0 | .1 | | | | | | | | 10.3 | [illegible] |
| NE | 5.3 | 2.2 | .4 | | | | | | | | | 7.9 | [illegible] |
| ENE | 3.6 | 2.2 | .4 | | | | | | | | | 6.2 | [illegible] |
| E | 3.4 | 2.0 | 1.3 | .1 | | | | | | | | 6.8 | [illegible] |
| ESE | .4 | .9 | 1.0 | | | | | | | | | 2.3 | [illegible] |
| SE | .3 | .8 | .7 | | | | | | | | | 1.8 | [illegible] |
| SSE | .3 | .4 | .6 | | | | | | | | | 1.3 | [illegible] |
| S | 1.7 | .7 | .1 | | .1 | | | | | | | 2.7 | [illegible] |
| SSW | 1.3 | 1.4 | .7 | | | | | | | | | 3.4 | [illegible] |
| SW | 1.1 | .1 | .1 | .1 | | | | | | | | 1.6 | [illegible] |
| WSW | .7 | .9 | | | | | | | | | | 1.6 | [illegible] |
| W | 1.3 | 1.4 | .7 | .4 | | | | | | | | 3.8 | [illegible] |
| WNW | 1.3 | 1.7 | 1.4 | .1 | | | | | | | | 4.5 | [illegible] |
| NW | 1.4 | .7 | 2.2 | 1.0 | | | | | | | | 5.3 | [illegible] |
| NNW | .2 | 2.4 | 2.4 | .4 | | | | | | | | 5.7 | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.1 | |
| | 31.4 | 23.7 | 14.1 | 2.6 | .1 | | | | | | | 100.0 | [illegible] |

TOTAL NUMBER OF OBSERVATIONS ~~[illegible]~~

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72265 — STATION
MAXWELL AFB AL — STATION NAME
76-84 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
0000-2300 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 2.1 | 3.0 | 1.1 | | | | | | | | [illegible] | [illegible] |
| NNE | 3.0 | 1.3 | 1.3 | | | | | | | | | [illegible] | [illegible] |
| NE | 2.6 | 1.4 | .5 | | | | | | | | | [illegible] | [illegible] |
| ENE | 1.0 | 2.7 | 1.3 | | | | | | | | | [illegible] | [illegible] |
| E | 3.0 | 4.0 | 3.2 | .4 | | | | | | | | [illegible] | [illegible] |
| ESE | .0 | 2.0 | 1.0 | .2 | | | | | | | | [illegible] | [illegible] |
| SE | .0 | .5 | 1.2 | .1 | .1 | | | | | | | [illegible] | [illegible] |
| SSE | .0 | .6 | 1.1 | .0 | | | | | | | | [illegible] | [illegible] |
| S | .0 | 1.1 | .7 | .5 | | | | | | | | [illegible] | [illegible] |
| SSW | .0 | .7 | .9 | .1 | | | | | | | | [illegible] | [illegible] |
| SW | 1.1 | .7 | .1 | | | | | | | | | [illegible] | [illegible] |
| WSW | 1.0 | 1.7 | 1.5 | .5 | | | | | | | | [illegible] | [illegible] |
| W | .0 | 3.0 | 1.3 | .0 | | | | | | | | [illegible] | [illegible] |
| WNW | 1.1 | 1.3 | 1.0 | .3 | | | | | | | | [illegible] | [illegible] |
| NW | 1.2 | .7 | 1.4 | 1.5 | | | | | | | | [illegible] | [illegible] |
| NNW | 1.3 | 2.4 | 1.7 | .7 | .1 | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.1 | |
| | 27.2 | 27.3 | 24.0 | 6.6 | .2 | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

[illegible] STATION — MAXWELL AFB AL STATION NAME — 75-84 YEARS — [illegible] MONTH

ALL WEATHER FLAG — [illegible] HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 2.9 | 2.0 | 1.1 | | | | | | | | [illegible] | [illegible] |
| NNE | 3.1 | 1.7 | 1.1 | | | | | | | | | [illegible] | [illegible] |
| NE | 1.4 | 1.1 | .1 | | | | | | | | | [illegible] | [illegible] |
| ENE | 1.2 | 2.0 | .6 | | | | | | | | | [illegible] | [illegible] |
| E | 2.0 | 3.7 | 2.3 | .1 | | | | | | | | [illegible] | [illegible] |
| ESE | .5 | 2.4 | 1.3 | .1 | | | | | | | | [illegible] | [illegible] |
| SE | .4 | .2 | 1.0 | .4 | | | | | | | | [illegible] | [illegible] |
| SSE | 1.0 | 1.7 | 2.0 | .7 | .1 | | | | | | | [illegible] | [illegible] |
| S | 1.3 | .6 | 2.0 | .5 | .1 | | | | | | | [illegible] | [illegible] |
| SSW | 1.1 | 1.3 | 1.6 | .5 | | | | | | | | [illegible] | [illegible] |
| SW | 1.1 | 1.0 | 1.1 | .4 | | | | | | | | [illegible] | [illegible] |
| WSW | 1.0 | 1.0 | 2.0 | .7 | .1 | | | | | | | [illegible] | [illegible] |
| W | 2.0 | 3.0 | 3.0 | 1.1 | .1 | | | | | | | [illegible] | [illegible] |
| WNW | 1.0 | 1.0 | 2.0 | .5 | .1 | | | | | | | [illegible] | [illegible] |
| NW | 1.2 | 1.7 | 2.5 | 1.1 | .1 | | | | | | | [illegible] | [illegible] |
| NNW | 1.1 | 2.3 | 1.0 | 1.6 | | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.7 | |
| | [illegible] | [illegible] | [illegible] | [illegible] | .7 | | | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72286 (STATION) MAXWELL AFB AL (STATION NAME) 74-84 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.3 | 3.4 | 2.7 | .5 | | | | | | | | 9.9 | 5.3 |
| NNE | 2.3 | 1.2 | | | | | | | | | | 3.5 | 2.8 |
| NE | 1.1 | .7 | .2 | | | | | | | | | 2.1 | 3.8 |
| ENE | 1.5 | 1.2 | .4 | | | | | | | | | 3.1 | 3.8 |
| E | 3.1 | 3.8 | 2.0 | .1 | | | | | | | | 9.0 | 4.4 |
| ESE | .7 | .6 | .4 | .1 | | | | | | | | 1.8 | 5.0 |
| SE | .7 | .9 | 1.0 | | | | | | | | | 2.6 | 4.6 |
| SSE | 1.6 | 1.6 | 1.2 | .2 | | | | | | | | 4.6 | 4.4 |
| S | 2.0 | 2.0 | 2.0 | .9 | | | | | | | | 7.7 | 5.4 |
| SSW | 1.7 | 2.0 | 1.0 | .2 | | | | | | | | 4.9 | 5.1 |
| SW | 2.1 | 1.1 | 1.0 | | | | | | | | | 4.2 | 4.2 |
| WSW | 1.2 | 1.0 | .7 | .4 | | | | | | | | 4.2 | 5.7 |
| W | 1.7 | 3.2 | 1.5 | .5 | | | | | | | | 7.1 | 5.5 |
| WNW | 1.3 | 1.0 | 2.7 | .5 | .1 | | | | | | | 6.5 | 6.6 |
| NW | 1.2 | 1.2 | 1.6 | 1.1 | .1 | | | | | | | 5.3 | 7.6 |
| NNW | 1.3 | 2.2 | 2.7 | 1.3 | .2 | | | | | | | 8.7 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 22.3 | 20.2 | 21.0 | 5.8 | .5 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 414

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72325 — STATION
MAXWELL AFB AL — STATION NAME
73-84 — YEARS
ALL — MONTH
ALL WEATHER — CLASS
1400-2100 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 3.5 | 2.1 | .3 | | | | | | | | 8.4 | 6.4 |
| NNE | 1.0 | .9 | .1 | | | | | | | | | 2.1 | 3.8 |
| NE | 1.3 | .4 | | | | | | | | | | 1.7 | 2.6 |
| ENE | 1.2 | 1.2 | .3 | | | | | | | | | 2.7 | 3.4 |
| E | .9 | 3.5 | .4 | | | | | | | | | 5.2 | 4.4 |
| ESE | 1.4 | 2.3 | .9 | .4 | | | | | | | | 5.1 | 5.1 |
| SE | .9 | 1.6 | .9 | | | | | | | | | 3.4 | 4.4 |
| SSE | 1.4 | 1.2 | .9 | | | | | | | | | 3.5 | 4.3 |
| S | 2.6 | 2.6 | 2.1 | .1 | | | | | | | | 7.4 | 4.4 |
| SSW | .6 | .4 | .3 | .3 | | | | | | | | 1.9 | 4.6 |
| SW | .2 | .3 | .1 | | | | | | | | | 1.3 | 2.4 |
| WSW | 1.7 | .1 | | .1 | | | | | | | | 1.4 | 2.4 |
| W | 2.2 | .6 | .3 | | | | | | | | | 3.2 | 2.1 |
| WNW | 1.7 | .9 | 1.4 | .1 | | | | | | | | 4.4 | 4.4 |
| NW | 2.2 | 2.1 | 2.7 | .1 | | | | | | | | 7.1 | 4.6 |
| NNW | 2.3 | 2.5 | 1.8 | .5 | | | | | | | | 7.1 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.4 | |
| | 24.7 | 24.7 | 14.6 | 1.9 | | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 472

2037

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | DEC |

CLASS: ALL WEATHER

HOUR (L.S.T.): 2100-2400

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 3.7 | 2.5 | .1 | | | | | | | | 9.2 | 6.0 |
| NNE | 1.0 | 2.0 | .1 | | | | | | | | | 3.0 | 5.6 |
| NE | 1.7 | .9 | | | | | | | | | | 2.6 | 7.8 |
| ENE | 1.4 | 1.2 | .1 | | | | | | | | | 2.8 | 5.7 |
| E | 1.3 | 3.7 | 1.2 | | | | | | | | | 6.2 | 6.0 |
| ESE | .3 | 1.6 | 1.1 | | | | | | | | | 3.0 | 6.1 |
| SE | .5 | .5 | .5 | .1 | | | | | | | | 1.7 | 5.7 |
| SSE | .9 | .8 | .5 | | | | | | | | | 2.2 | 4.6 |
| S | 2.2 | 2.2 | 2.4 | | | .1 | | | | | | 7.0 | 5.4 |
| SSW | .8 | 1.6 | 1.4 | .1 | | | | | | | | 3.9 | 6.4 |
| SW | .7 | .1 | | | | | | | | | | .8 | 2.1 |
| WSW | .3 | .3 | | | | | | | | | | 1.1 | 5.0 |
| W | .3 | .3 | .9 | | | | | | | | | 1.5 | 7.4 |
| WNW | 2.1 | 1.6 | 1.7 | .1 | | | | | | | | 5.5 | 5.1 |
| NW | 1.6 | 2.0 | 1.3 | .5 | | | | | | | | 5.4 | 5.7 |
| NNW | 1.4 | 2.2 | 1.0 | .1 | | | | | | | | 5.7 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.4 | |
| | 21.9 | 25.2 | 15.1 | 1.2 | | .1 | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 741

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling," versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and the tables are presented by month and available 3-hour groups.

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the 10 mi visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 5,000 foot ceiling class.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 12.8 | 36.9 | 38.8 | 39.8 | 40.4 | 40.8 | 41.7 | 41.9 | 41.9 | 42.4 | 42.4 | 42.7 | 43.2 | 43.2 | 43.3 | 43.7 |
| GE 20000 | 13.6 | 39.0 | 41.2 | 42.4 | 43.1 | 43.5 | 44.3 | 44.6 | 44.6 | 45.1 | 45.1 | 45.3 | 45.8 | 45.8 | 46.0 | 46.3 |
| GE 18000 | 13.6 | 39.0 | 41.2 | 42.4 | 43.1 | 43.5 | 44.3 | 44.6 | 44.6 | 45.1 | 45.1 | 45.3 | 45.8 | 45.8 | 46.0 | 46.3 |
| GE 16000 | 13.6 | 39.0 | 41.2 | 42.4 | 43.1 | 43.5 | 44.3 | 44.6 | 44.6 | 45.1 | 45.1 | 45.3 | 45.8 | 45.8 | 46.0 | 46.3 |
| GE 14000 | 13.7 | 39.4 | 41.7 | 42.9 | 43.6 | 44.0 | 44.8 | 45.1 | 45.1 | 45.6 | 45.6 | 45.8 | 46.3 | 46.3 | 46.5 | 46.9 |
| GE 12000 | 13.7 | 40.7 | 42.9 | 44.2 | 44.8 | 45.2 | 46.1 | 46.3 | 46.3 | 46.9 | 46.9 | 47.1 | 47.6 | 47.6 | 47.7 | 48.1 |
| GE 10000 | 14.0 | 43.5 | 46.2 | 47.7 | 48.4 | 48.7 | 49.6 | 49.9 | 49.9 | 50.4 | 50.4 | 50.6 | 51.1 | 51.1 | 51.3 | 51.6 |
| GE 9000 | 14.2 | 44.2 | 47.0 | 48.5 | 49.1 | 49.5 | 50.4 | 50.6 | 50.6 | 51.1 | 51.1 | 51.4 | 51.9 | 51.9 | 52.0 | 52.4 |
| GE 8000 | 14.6 | 46.7 | 49.6 | 51.1 | 51.8 | 52.1 | 53.1 | 53.4 | 53.4 | 53.9 | 53.9 | 54.2 | 54.7 | 54.7 | 54.8 | 55.2 |
| GE 7000 | 15.0 | 47.2 | 50.3 | 51.9 | 52.5 | 52.9 | 53.9 | 54.2 | 54.2 | 54.7 | 54.7 | 54.9 | 55.4 | 55.4 | 55.5 | 55.9 |
| GE 6000 | 15.0 | 47.6 | 50.9 | 52.5 | 53.1 | 53.5 | 54.5 | 54.8 | 54.8 | 55.3 | 55.3 | 55.5 | 56.0 | 56.0 | 56.2 | 56.5 |
| GE 5000 | 15.4 | 49.7 | 53.3 | 54.9 | 55.5 | 55.9 | 56.9 | 57.2 | 57.2 | 57.7 | 57.7 | 57.9 | 58.4 | 58.4 | 58.6 | 58.9 |
| GE 4500 | 15.5 | 50.4 | 53.9 | 55.5 | 56.2 | 56.5 | 57.6 | 57.8 | 57.8 | 58.3 | 58.3 | 58.6 | 59.1 | 59.1 | 59.2 | 59.6 |
| GE 4000 | 15.7 | 51.1 | 54.9 | 56.7 | 57.3 | 57.7 | 58.7 | 58.9 | 58.9 | 59.4 | 59.4 | 59.7 | 60.2 | 60.2 | 60.3 | 60.7 |
| GE 3500 | 15.9 | 52.3 | 56.3 | 58.1 | 58.7 | 59.1 | 60.3 | 60.6 | 60.6 | 61.2 | 61.2 | 61.5 | 62.0 | 62.0 | 62.1 | 62.6 |
| GE 3000 | 16.4 | 53.5 | 57.7 | 59.6 | 60.2 | 60.6 | 61.8 | 62.1 | 62.1 | 62.7 | 62.7 | 63.0 | 63.5 | 63.5 | 63.6 | 64.1 |
| GE 2500 | 17.0 | 55.7 | 60.2 | 62.5 | 63.2 | 63.7 | 65.4 | 65.6 | 65.6 | 66.5 | 66.5 | 66.8 | 67.3 | 67.3 | 67.4 | 67.9 |
| GE 2000 | 17.1 | 58.7 | 63.4 | 65.6 | 66.6 | 67.1 | 68.9 | 69.1 | 69.1 | 70.0 | 70.0 | 70.3 | 70.8 | 70.8 | 71.0 | 71.7 |
| GE 1800 | 17.4 | 59.9 | 64.6 | 66.9 | 67.9 | 68.4 | 70.2 | 70.4 | 70.4 | 71.3 | 71.3 | 71.5 | 72.0 | 72.0 | 72.3 | 72.9 |
| GE 1500 | 17.9 | 62.6 | 67.6 | 70.3 | 71.4 | 71.9 | 73.7 | 74.1 | 74.1 | 74.9 | 75.1 | 75.3 | 75.8 | 75.8 | 76.1 | 76.7 |
| GE 1200 | 18.1 | 64.2 | 69.8 | 72.8 | 74.3 | 74.9 | 76.8 | 77.2 | 77.5 | 78.3 | 78.5 | 78.7 | 79.2 | 79.2 | 79.5 | 80.2 |
| GE 1000 | 18.1 | 65.1 | 71.2 | 74.6 | 76.1 | 76.7 | 78.8 | 79.5 | 79.7 | 80.7 | 80.9 | 81.1 | 81.6 | 81.6 | 81.9 | 82.6 |
| GE 900 | 18.5 | 66.8 | 73.0 | 76.4 | 78.0 | 78.6 | 81.1 | 81.7 | 82.0 | 83.0 | 83.1 | 83.4 | 83.9 | 83.9 | 84.1 | 84.9 |
| GE 800 | 18.5 | 67.4 | 74.2 | 77.8 | 79.3 | 80.4 | 83.1 | 83.9 | 84.1 | 85.4 | 85.5 | 85.8 | 86.3 | 86.3 | 86.5 | 87.3 |
| GE 700 | 18.5 | 67.9 | 74.8 | 78.5 | 80.0 | 81.0 | 83.8 | 84.8 | 85.0 | 86.5 | 86.6 | 86.9 | 87.4 | 87.4 | 87.7 | 88.4 |
| GE 600 | 18.5 | 67.9 | 75.1 | 79.1 | 80.9 | 82.0 | 85.1 | 86.4 | 86.9 | 88.4 | 88.5 | 88.8 | 89.4 | 89.5 | 89.8 | 90.6 |
| GE 500 | 18.5 | 68.0 | 75.7 | 79.7 | 81.9 | 83.0 | 86.3 | 87.7 | 88.2 | 89.9 | 90.4 | 90.7 | 91.4 | 91.6 | 91.8 | 92.6 |
| GE 400 | 18.5 | 68.5 | 76.3 | 80.4 | 82.6 | 83.8 | 87.8 | 89.4 | 90.2 | 91.9 | 92.8 | 93.1 | 94.2 | 94.3 | 94.6 | 95.3 |
| GE 300 | 18.5 | 68.8 | 76.6 | 80.7 | 83.0 | 84.1 | 88.3 | 89.9 | 90.7 | 92.7 | 94.2 | 94.5 | 96.0 | 96.1 | 96.7 | 97.5 |
| GE 200 | 18.5 | 68.8 | 76.6 | 80.7 | 83.0 | 84.1 | 88.4 | 90.1 | 90.8 | 93.1 | 94.6 | 94.8 | 97.0 | 97.2 | 98.0 | 98.7 |
| GE 100 | 18.5 | 68.8 | 76.6 | 80.7 | 83.0 | 84.1 | 88.4 | 90.1 | 90.8 | 93.1 | 94.6 | 94.8 | 97.1 | 97.5 | 98.5 | 99.7 |
| GE 0 | 18.5 | 68.8 | 76.6 | 80.7 | 83.0 | 84.1 | 88.4 | 90.1 | 90.8 | 93.1 | 94.6 | 94.8 | 97.1 | 97.5 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 17.3 | 40.8 | 41.7 | 41.9 | 42.1 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| GE 20000 | 19.1 | 45.9 | 47.1 | 47.3 | 47.5 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| GE 18000 | 19.1 | 46.2 | 47.3 | 47.5 | 47.7 | 47.9 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 16000 | 19.1 | 46.2 | 47.3 | 47.5 | 47.7 | 47.9 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 | 48.0 |
| GE 14000 | 19.3 | 46.4 | 47.5 | 47.7 | 48.0 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| GE 12000 | 19.6 | 47.7 | 49.1 | 49.3 | 49.5 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| GE 10000 | 20.2 | 50.6 | 52.5 | 52.7 | 53.0 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| GE 9000 | 20.2 | 50.8 | 52.7 | 52.9 | 53.3 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| GE 8000 | 20.3 | 53.3 | 55.2 | 55.4 | 55.7 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| GE 7000 | 20.5 | 54.6 | 56.5 | 56.8 | 57.1 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| GE 6000 | 20.8 | 56.0 | 57.9 | 58.1 | 58.4 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| GE 5000 | 21.2 | 58.3 | 60.5 | 60.7 | 61.0 | 61.1 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 4500 | 21.2 | 58.8 | 61.0 | 61.4 | 61.7 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| GE 4000 | 21.3 | 59.2 | 61.5 | 61.8 | 62.2 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| GE 3500 | 21.5 | 60.1 | 62.7 | 63.2 | 63.5 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| GE 3000 | 22.1 | 62.0 | 64.6 | 65.2 | 65.5 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| GE 2500 | 22.5 | 64.5 | 67.5 | 68.1 | 68.7 | 68.8 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| GE 2000 | 23.0 | 67.8 | 70.8 | 71.5 | 72.2 | 72.4 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 1800 | 23.2 | 69.1 | 72.3 | 73.1 | 73.8 | 74.0 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 1500 | 23.5 | 71.5 | 75.2 | 76.5 | 77.3 | 77.6 | 77.9 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| GE 1200 | 24.0 | 73.3 | 77.7 | 79.1 | 80.1 | 80.5 | 81.3 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| GE 1000 | 24.1 | 74.4 | 79.4 | 81.1 | 82.3 | 82.9 | 83.8 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 900 | 24.4 | 75.9 | 81.6 | 83.4 | 84.8 | 85.6 | 86.7 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 800 | 24.4 | 77.0 | 83.0 | 85.4 | 87.0 | 88.0 | 89.2 | 89.9 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 700 | 24.4 | 77.3 | 83.4 | 85.9 | 87.8 | 88.7 | 90.0 | 90.9 | 91.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 600 | 24.4 | 77.7 | 84.0 | 86.6 | 88.9 | 89.9 | 91.2 | 92.1 | 92.2 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 500 | 24.4 | 78.2 | 84.5 | 87.4 | 89.9 | 91.3 | 92.9 | 94.1 | 94.5 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 400 | 24.4 | 78.3 | 84.7 | 88.0 | 90.5 | 92.0 | 93.7 | 94.9 | 95.6 | 96.5 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 300 | 24.4 | 78.3 | 84.8 | 88.1 | 90.7 | 92.1 | 93.9 | 95.3 | 96.2 | 97.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 200 | 24.4 | 78.3 | 84.8 | 88.1 | 90.7 | 92.1 | 93.9 | 95.4 | 96.3 | 97.4 | 98.6 | 98.6 | 99.4 | 99.5 | 99.5 | 99.7 |
| GE 100 | 24.4 | 78.3 | 84.8 | 88.1 | 90.7 | 92.1 | 93.9 | 95.4 | 96.3 | 97.4 | 98.6 | 98.6 | 99.5 | 99.7 | 99.7 | 100.0 |
| GE 0 | 24.4 | 78.3 | 84.8 | 88.1 | 90.7 | 92.1 | 93.9 | 95.4 | 96.3 | 97.4 | 98.6 | 98.6 | 99.5 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 23.3 | 47.9 | 48.0 | 48.1 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| GE 20000 | 25.2 | 52.1 | 52.2 | 52.4 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| GE 18000 | 25.2 | 52.4 | 52.5 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| GE 16000 | 25.2 | 52.4 | 52.5 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| GE 14000 | 25.6 | 53.3 | 53.4 | 53.5 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| GE 12000 | 25.7 | 54.3 | 54.4 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| GE 10000 | 26.9 | 57.8 | 57.9 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| GE 9000 | 27.1 | 58.3 | 58.4 | 58.5 | 58.5 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| GE 8000 | 27.4 | 62.6 | 62.8 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| GE 7000 | 27.5 | 63.9 | 64.2 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 6000 | 27.8 | 64.5 | 64.7 | 64.9 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 5000 | 28.1 | 65.7 | 66.1 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| GE 4500 | 28.4 | 66.5 | 66.9 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 4000 | 28.5 | 67.6 | 68.0 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 3500 | 28.9 | 69.6 | 70.2 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 3000 | 29.3 | 71.9 | 72.6 | 73.0 | 73.1 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE 2500 | 29.4 | 74.3 | 75.1 | 75.5 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| GE 2000 | 29.7 | 78.7 | 79.6 | 80.2 | 80.4 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| GE 1800 | 29.8 | 79.8 | 80.7 | 81.5 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| GE 1500 | 30.0 | 81.2 | 82.4 | 83.4 | 83.8 | 84.0 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| GE 1200 | 30.3 | 82.7 | 84.0 | 85.3 | 86.1 | 86.4 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 1000 | 30.3 | 83.6 | 85.4 | 86.9 | 88.0 | 88.3 | 89.3 | 89.7 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 900 | 30.6 | 85.2 | 87.2 | 88.9 | 90.1 | 90.4 | 91.6 | 91.9 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 800 | 30.6 | 85.4 | 87.8 | 89.6 | 90.9 | 91.2 | 92.5 | 92.8 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 700 | 30.6 | 85.7 | 88.5 | 90.6 | 92.2 | 92.6 | 93.8 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 600 | 30.6 | 86.2 | 89.0 | 91.1 | 93.1 | 93.5 | 94.7 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 500 | 30.6 | 86.5 | 89.9 | 92.2 | 94.3 | 94.7 | 96.0 | 97.1 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 400 | 30.6 | 86.6 | 90.1 | 92.5 | 94.6 | 95.3 | 96.7 | 97.9 | 98.1 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 300 | 30.6 | 86.6 | 90.1 | 92.5 | 94.6 | 95.3 | 96.7 | 98.0 | 98.3 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 200 | 30.6 | 86.6 | 90.1 | 92.5 | 94.6 | 95.3 | 96.7 | 98.0 | 98.3 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 30.6 | 86.6 | 90.1 | 92.5 | 94.6 | 95.3 | 96.7 | 98.0 | 98.3 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 30.6 | 86.6 | 90.1 | 92.5 | 94.6 | 95.3 | 96.7 | 98.0 | 98.3 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 23.6 | 48.7 | 48.9 | 49.2 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| GE 20000 | 26.2 | 54.9 | 55.2 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| GE 18000 | 26.2 | 54.9 | 55.2 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| GE 16000 | 26.5 | 55.4 | 55.7 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| GE 14000 | 26.9 | 56.0 | 56.4 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| GE 12000 | 27.7 | 57.5 | 57.8 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 10000 | 28.7 | 59.6 | 60.0 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 9000 | 28.7 | 60.0 | 60.3 | 60.5 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| GE 8000 | 29.8 | 64.3 | 64.6 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GE 7000 | 30.0 | 65.5 | 66.0 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| GE 6000 | 30.3 | 66.5 | 67.0 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| GE 5000 | 30.6 | 68.1 | 68.5 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 4500 | 30.7 | 68.5 | 69.0 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| GE 4000 | 31.0 | 70.5 | 70.9 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 3500 | 31.2 | 71.8 | 72.3 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE 3000 | 31.6 | 74.0 | 74.6 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| GE 2500 | 31.6 | 76.7 | 77.3 | 78.0 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| GE 2000 | 31.9 | 79.8 | 81.1 | 82.0 | 82.5 | 82.5 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 1800 | 31.9 | 80.4 | 31.6 | 82.6 | 83.2 | 83.2 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 1500 | 31.9 | 81.6 | 83.2 | 84.6 | 85.1 | 85.1 | 85.9 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 1200 | 32.0 | 83.3 | 85.1 | 86.7 | 87.3 | 87.3 | 88.3 | 88.6 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 1000 | 32.0 | 84.4 | 86.9 | 88.7 | 89.4 | 89.4 | 90.5 | 90.9 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 900 | 32.1 | 85.1 | 88.4 | 90.5 | 91.3 | 91.3 | 92.4 | 92.8 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 800 | 32.1 | 85.3 | 88.7 | 91.1 | 92.4 | 92.4 | 93.6 | 93.9 | 94.1 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 700 | 32.2 | 85.8 | 89.4 | 92.0 | 93.6 | 93.6 | 94.8 | 95.2 | 95.4 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 600 | 32.2 | 86.1 | 89.7 | 92.9 | 94.7 | 94.8 | 96.2 | 96.5 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 500 | 32.2 | 86.1 | 89.7 | 92.9 | 95.2 | 95.5 | 96.8 | 97.5 | 98.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 400 | 32.2 | 86.1 | 89.7 | 92.9 | 95.2 | 95.5 | 96.8 | 97.6 | 98.3 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 300 | 32.2 | 86.1 | 89.7 | 92.9 | 95.2 | 95.5 | 96.8 | 97.6 | 98.5 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 200 | 32.2 | 86.1 | 89.7 | 92.9 | 95.2 | 95.5 | 96.8 | 97.6 | 98.5 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 |
| GE 100 | 32.2 | 86.1 | 89.7 | 92.9 | 95.2 | 95.5 | 96.8 | 97.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |
| GE 0 | 32.2 | 86.1 | 89.7 | 92.9 | 95.2 | 95.5 | 96.8 | 97.6 | 98.5 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 887

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 21.9 | 51.5 | 52.0 | 52.4 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| GE 20000 | 22.8 | 54.3 | 54.7 | 55.2 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| GE 18000 | 22.8 | 54.3 | 54.7 | 55.2 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| GE 16000 | 23.2 | 54.6 | 55.1 | 55.5 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| GE 14000 | 23.7 | 55.2 | 55.6 | 56.1 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| GE 12000 | 24.2 | 56.6 | 57.1 | 57.5 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| GE 10000 | 25.0 | 58.7 | 59.1 | 59.6 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| GE 9000 | 25.1 | 59.0 | 59.5 | 59.9 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| GE 8000 | 25.7 | 62.1 | 62.8 | 63.2 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| GE 7000 | 26.4 | 63.2 | 63.9 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| GE 6000 | 26.8 | 63.7 | 64.6 | 65.0 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 5000 | 27.4 | 65.5 | 66.6 | 67.1 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| GE 4500 | 27.4 | 66.2 | 67.4 | 68.0 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 4000 | 27.4 | 67.3 | 68.8 | 69.4 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| GE 3500 | 27.6 | 68.6 | 70.0 | 70.7 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 3000 | 27.8 | 71.7 | 73.2 | 74.0 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| GE 2500 | 28.0 | 74.9 | 76.8 | 77.8 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| GE 2000 | 28.6 | 78.2 | 80.5 | 81.7 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| GE 1800 | 28.6 | 79.1 | 81.5 | 82.7 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE 1500 | 28.7 | 81.2 | 84.0 | 85.5 | 86.3 | 86.4 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE 1200 | 28.7 | 82.0 | 85.5 | 87.1 | 87.9 | 88.0 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 1000 | 28.7 | 82.9 | 87.2 | 88.9 | 89.7 | 89.8 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 900 | 28.7 | 83.8 | 88.3 | 90.1 | 90.9 | 91.0 | 91.8 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 800 | 28.7 | 83.9 | 88.4 | 90.5 | 91.5 | 91.6 | 92.4 | 92.8 | 92.8 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 700 | 28.7 | 84.2 | 88.9 | 90.9 | 92.4 | 92.5 | 93.3 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 600 | 28.7 | 84.6 | 89.2 | 91.6 | 93.5 | 93.8 | 94.9 | 95.6 | 95.7 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 500 | 28.7 | 84.8 | 89.7 | 92.2 | 94.4 | 94.9 | 96.3 | 96.9 | 97.4 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 400 | 28.7 | 84.9 | 89.8 | 92.4 | 94.8 | 95.2 | 96.7 | 97.4 | 97.8 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 300 | 28.7 | 84.9 | 89.8 | 92.5 | 95.0 | 95.5 | 97.2 | 97.8 | 98.3 | 98.8 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 200 | 28.7 | 84.9 | 89.8 | 92.5 | 95.0 | 95.5 | 97.2 | 97.8 | 98.3 | 99.1 | 99.3 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 100 | 28.7 | 84.9 | 89.8 | 92.5 | 95.0 | 95.5 | 97.2 | 97.8 | 98.3 | 99.1 | 99.3 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 0 | 28.7 | 84.9 | 89.8 | 92.5 | 95.0 | 95.5 | 97.2 | 97.8 | 98.3 | 99.1 | 99.3 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 20.8 | 51.7 | 52.1 | 52.4 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 53.0 | 53.0 | 53.1 | 53.1 |
| GE 20000 | 23.0 | 54.8 | 55.1 | 55.5 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.2 | 56.2 |
| GE 18000 | 23.0 | 54.8 | 55.1 | 55.5 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.2 | 56.2 |
| GE 16000 | 23.2 | 55.0 | 55.4 | 55.7 | 56.0 | 56.0 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.4 | 56.4 |
| GE 14000 | 23.9 | 55.7 | 56.0 | 56.4 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 57.1 | 57.1 |
| GE 12000 | 24.3 | 56.9 | 57.3 | 57.6 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 |
| GE 10000 | 24.4 | 58.3 | 58.7 | 59.0 | 59.3 | 59.3 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 | 59.6 | 59.7 | 59.7 |
| GE 9000 | 24.4 | 58.3 | 58.7 | 59.0 | 59.3 | 59.3 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 | 59.6 | 59.7 | 59.7 |
| GE 8000 | 24.9 | 60.4 | 60.9 | 61.3 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 62.0 | 62.0 |
| GE 7000 | 26.1 | 61.6 | 62.2 | 62.5 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 |
| GE 6000 | 26.2 | 62.1 | 62.6 | 63.0 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.8 | 63.8 |
| GE 5000 | 26.7 | 63.2 | 63.8 | 64.1 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 65.0 | 65.0 |
| GE 4500 | 27.1 | 64.4 | 65.0 | 65.4 | 65.9 | 65.9 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.3 | 66.3 |
| GE 4000 | 27.1 | 65.4 | 66.6 | 67.0 | 67.5 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.9 | 67.9 |
| GE 3500 | 27.1 | 66.5 | 67.8 | 68.1 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 69.0 | 69.0 |
| GE 3000 | 27.2 | 68.8 | 70.3 | 71.0 | 71.6 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 |
| GE 2500 | 27.8 | 73.3 | 75.2 | 75.9 | 76.8 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 |
| GE 2000 | 28.1 | 77.0 | 79.0 | 79.7 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 |
| GE 1800 | 28.1 | 77.7 | 79.7 | 80.5 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 82.0 | 82.0 |
| GE 1500 | 28.2 | 80.3 | 82.6 | 83.9 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.5 | 85.5 |
| GE 1200 | 28.4 | 81.5 | 84.2 | 85.9 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.4 | 87.4 | 87.5 | 87.5 | 87.6 | 87.6 |
| GE 1000 | 28.6 | 83.1 | 86.0 | 88.0 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.9 | 89.9 |
| GE 900 | 28.6 | 84.6 | 87.5 | 89.7 | 91.0 | 91.0 | 91.3 | 91.5 | 91.5 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 |
| GE 800 | 28.6 | 85.3 | 88.2 | 90.5 | 91.8 | 91.8 | 92.3 | 92.6 | 92.6 | 92.7 | 92.8 | 92.8 | 92.9 | 92.9 | 93.1 | 93.1 |
| GE 700 | 28.6 | 85.6 | 88.6 | 91.3 | 92.7 | 92.7 | 93.4 | 93.8 | 93.8 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 |
| GE 600 | 28.6 | 86.1 | 89.4 | 92.1 | 94.1 | 94.1 | 94.8 | 95.4 | 95.6 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 |
| GE 500 | 28.6 | 86.3 | 89.9 | 92.7 | 94.6 | 94.8 | 95.4 | 96.4 | 96.5 | 96.8 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 |
| GE 400 | 28.6 | 86.3 | 90.0 | 92.8 | 95.0 | 95.2 | 95.9 | 96.9 | 97.0 | 97.5 | 97.8 | 97.8 | 97.9 | 97.9 | 98.1 | 98.1 |
| GE 300 | 28.6 | 86.3 | 90.0 | 92.9 | 95.3 | 95.6 | 96.6 | 97.6 | 97.8 | 98.3 | 98.6 | 98.6 | 99.2 | 99.2 | 99.3 | 99.3 |
| GE 200 | 28.6 | 86.3 | 90.0 | 92.9 | 95.3 | 95.6 | 96.6 | 97.6 | 97.8 | 98.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.8 | 99.8 |
| GE 100 | 28.6 | 86.3 | 90.0 | 92.9 | 95.3 | 95.6 | 96.6 | 97.6 | 97.8 | 98.3 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 |
| GE 0 | 28.6 | 86.3 | 90.0 | 92.9 | 95.3 | 95.6 | 96.6 | 97.6 | 97.8 | 98.3 | 98.7 | 98.7 | 99.4 | 99.4 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 10.5 | 38.8 | 42.2 | 44.1 | 45.5 | 45.8 | 46.4 | 46.7 | 46.7 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 47.1 | 47.1 |
| GE 20000 | 10.7 | 43.3 | 46.9 | 49.0 | 50.6 | 51.0 | 51.8 | 52.0 | 52.0 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 | 52.4 |
| GE 18000 | 10.7 | 43.4 | 47.1 | 49.2 | 50.7 | 51.1 | 51.9 | 52.2 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 |
| GE 16000 | 10.7 | 43.4 | 47.1 | 49.2 | 50.7 | 51.1 | 51.9 | 52.2 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 |
| GE 14000 | 11.0 | 43.8 | 47.7 | 49.8 | 51.4 | 51.8 | 52.5 | 52.8 | 52.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 |
| GE 12000 | 11.1 | 44.1 | 48.0 | 50.1 | 51.6 | 52.0 | 52.8 | 53.1 | 53.1 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 |
| GE 10000 | 11.4 | 45.1 | 49.0 | 51.1 | 52.7 | 53.1 | 53.9 | 54.1 | 54.1 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 |
| GE 9000 | 11.4 | 45.1 | 49.0 | 51.1 | 52.7 | 53.1 | 53.9 | 54.1 | 54.1 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 |
| GE 8000 | 11.9 | 47.5 | 51.5 | 53.6 | 55.2 | 55.6 | 56.3 | 56.6 | 56.6 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 | 57.0 |
| GE 7000 | 12.2 | 48.8 | 52.8 | 54.9 | 56.5 | 57.0 | 57.8 | 58.0 | 58.0 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 |
| GE 6000 | 12.3 | 49.8 | 53.9 | 55.9 | 57.5 | 58.0 | 58.8 | 59.1 | 59.1 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.5 | 59.5 |
| GE 5000 | 12.7 | 52.5 | 57.1 | 59.2 | 60.8 | 61.3 | 62.2 | 62.5 | 62.5 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.9 | 62.9 |
| GE 4500 | 12.7 | 53.3 | 57.9 | 60.0 | 61.6 | 62.1 | 63.0 | 63.3 | 63.3 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.7 | 63.7 |
| GE 4000 | 13.1 | 54.9 | 59.7 | 61.8 | 63.7 | 64.2 | 65.1 | 65.6 | 65.6 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 |
| GE 3500 | 13.2 | 55.6 | 60.5 | 62.6 | 64.8 | 65.4 | 66.3 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 |
| GE 3000 | 13.3 | 57.5 | 62.5 | 64.8 | 67.2 | 67.7 | 68.6 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 |
| GE 2500 | 13.9 | 60.1 | 65.8 | 68.2 | 70.6 | 71.2 | 72.2 | 72.7 | 72.7 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 73.1 | 73.1 |
| GE 2000 | 14.1 | 62.9 | 68.8 | 71.4 | 73.7 | 74.4 | 75.4 | 75.9 | 75.9 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 |
| GE 1800 | 14.1 | 63.7 | 69.5 | 72.4 | 75.0 | 75.7 | 76.7 | 77.3 | 77.3 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.6 | 77.6 |
| GE 1500 | 14.1 | 65.6 | 72.2 | 75.3 | 78.3 | 79.0 | 80.4 | 80.9 | 80.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 |
| GE 1200 | 14.1 | 66.4 | 73.5 | 76.7 | 79.9 | 80.5 | 82.1 | 82.7 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 |
| GE 1000 | 14.2 | 68.2 | 75.6 | 78.8 | 82.1 | 82.9 | 84.6 | 85.4 | 85.4 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 |
| GE 900 | 14.2 | 69.0 | 76.5 | 79.7 | 83.5 | 84.3 | 86.1 | 86.9 | 86.9 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.5 | 87.5 |
| GE 800 | 14.2 | 69.7 | 77.5 | 80.8 | 85.0 | 85.8 | 87.8 | 88.9 | 88.9 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 |
| GE 700 | 14.2 | 69.8 | 77.8 | 81.2 | 85.4 | 86.3 | 88.4 | 89.5 | 89.5 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.1 | 90.1 |
| GE 600 | 14.2 | 70.1 | 78.2 | 81.8 | 86.7 | 87.6 | 90.5 | 91.9 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 |
| GE 500 | 14.2 | 70.7 | 79.0 | 82.9 | 87.8 | 88.8 | 91.6 | 93.6 | 93.9 | 94.6 | 94.6 | 94.6 | 94.6 | 94.8 | 94.9 | 94.9 |
| GE 400 | 14.2 | 70.8 | 79.1 | 83.0 | 88.2 | 89.2 | 92.2 | 94.8 | 95.0 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 96.1 | 96.1 |
| GE 300 | 14.2 | 70.8 | 79.2 | 83.1 | 89.0 | 89.9 | 93.3 | 96.2 | 96.6 | 97.4 | 97.6 | 97.6 | 97.6 | 97.8 | 97.9 | 97.9 |
| GE 200 | 14.2 | 70.8 | 79.2 | 83.1 | 89.0 | 89.9 | 93.5 | 96.5 | 96.9 | 97.8 | 98.2 | 98.2 | 98.4 | 98.7 | 99.2 | 99.5 |
| GE 100 | 14.2 | 70.8 | 79.2 | 83.1 | 89.0 | 89.9 | 93.5 | 96.5 | 96.9 | 97.8 | 98.2 | 98.2 | 98.4 | 98.7 | 99.3 | 99.6 |
| GE 0 | 14.2 | 70.8 | 79.2 | 83.1 | 89.0 | 89.9 | 93.5 | 96.5 | 96.9 | 97.8 | 98.2 | 98.2 | 98.4 | 98.7 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 13.9 | 44.4 | 45.9 | 46.4 | 46.5 | 46.8 | 47.1 | 47.2 | 47.3 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| GE 20000 | 15.0 | 51.7 | 53.5 | 54.1 | 54.2 | 54.4 | 54.8 | 54.9 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| GE 18000 | 15.2 | 52.2 | 53.9 | 54.5 | 54.7 | 54.9 | 55.2 | 55.4 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| GE 16000 | 15.2 | 52.2 | 53.9 | 54.5 | 54.7 | 54.9 | 55.2 | 55.4 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| GE 14000 | 15.2 | 52.5 | 54.3 | 54.9 | 55.0 | 55.2 | 55.6 | 55.7 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| GE 12000 | 15.2 | 53.4 | 55.1 | 55.7 | 55.8 | 56.1 | 56.4 | 56.5 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| GE 10000 | 15.9 | 54.8 | 56.5 | 57.1 | 57.2 | 57.5 | 57.8 | 58.0 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| GE 9000 | 15.9 | 55.4 | 57.1 | 57.7 | 57.8 | 58.1 | 58.4 | 58.5 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| GE 8000 | 16.5 | 57.4 | 59.1 | 59.7 | 59.8 | 60.1 | 60.4 | 60.5 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| GE 7000 | 16.8 | 58.4 | 60.2 | 60.8 | 60.9 | 61.1 | 61.5 | 61.6 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| GE 6000 | 16.8 | 58.9 | 60.7 | 61.2 | 61.4 | 61.6 | 62.0 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| GE 5000 | 17.2 | 60.9 | 62.7 | 63.4 | 63.5 | 63.7 | 64.1 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| GE 4500 | 17.3 | 61.7 | 63.6 | 64.3 | 64.4 | 64.7 | 65.0 | 65.1 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 4000 | 17.4 | 63.5 | 65.5 | 66.2 | 66.3 | 66.5 | 66.9 | 67.0 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| GE 3500 | 17.4 | 64.2 | 66.2 | 67.0 | 67.1 | 67.5 | 67.8 | 68.0 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| GE 3000 | 18.3 | 66.5 | 68.6 | 69.5 | 69.6 | 70.0 | 70.3 | 70.4 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 2500 | 18.5 | 69.0 | 71.1 | 72.2 | 72.8 | 73.4 | 74.0 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 2000 | 18.6 | 71.1 | 73.5 | 74.6 | 75.1 | 75.7 | 76.3 | 76.4 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| GE 1800 | 18.6 | 72.4 | 74.8 | 75.9 | 76.6 | 77.1 | 77.7 | 77.9 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| GE 1500 | 19.1 | 76.0 | 78.8 | 80.6 | 81.6 | 82.2 | 82.9 | 83.0 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 1200 | 19.1 | 78.0 | 81.3 | 83.5 | 84.8 | 85.5 | 86.2 | 86.3 | 86.5 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 1000 | 19.1 | 79.0 | 82.6 | 85.3 | 87.0 | 87.8 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 900 | 19.1 | 79.7 | 83.6 | 86.3 | 88.2 | 88.9 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 800 | 19.1 | 80.3 | 85.0 | 88.0 | 90.1 | 90.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 700 | 19.1 | 80.3 | 85.3 | 88.8 | 90.9 | 91.8 | 92.8 | 93.4 | 93.5 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 600 | 19.1 | 80.8 | 85.9 | 89.6 | 92.2 | 93.1 | 94.5 | 95.4 | 95.6 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 500 | 19.1 | 81.0 | 86.1 | 89.9 | 92.6 | 93.4 | 95.5 | 96.7 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 400 | 19.1 | 81.0 | 86.2 | 90.0 | 92.7 | 93.6 | 96.1 | 97.3 | 97.5 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 300 | 19.1 | 81.0 | 86.2 | 90.1 | 92.8 | 93.8 | 96.5 | 97.9 | 98.2 | 98.7 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | 19.1 | 81.0 | 86.2 | 90.1 | 92.8 | 93.8 | 96.5 | 97.9 | 98.2 | 98.7 | 99.1 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 |
| GE 100 | 19.1 | 81.0 | 86.2 | 90.1 | 92.8 | 93.8 | 96.5 | 97.9 | 98.2 | 98.7 | 99.1 | 99.2 | 99.6 | 99.8 | 99.8 | 100.0 |
| GE 0 | 19.1 | 81.0 | 86.2 | 90.1 | 92.8 | 93.8 | 96.5 | 97.9 | 98.2 | 98.7 | 99.1 | 99.2 | 99.6 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 9/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 20.1 | 49.1 | 49.4 | 49.5 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| GE 20000 | 21.6 | 56.3 | 56.7 | 56.9 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| GE 18000 | 21.7 | 57.2 | 57.6 | 57.8 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| GE 16000 | 21.7 | 57.5 | 57.8 | 58.1 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| GE 14000 | 22.0 | 58.2 | 58.5 | 58.8 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| GE 12000 | 22.1 | 58.8 | 59.1 | 59.4 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| GE 10000 | 22.7 | 62.0 | 62.3 | 62.5 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| GE 9000 | 22.7 | 63.0 | 63.4 | 63.6 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| GE 8000 | 23.1 | 65.5 | 66.0 | 66.2 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| GE 7000 | 23.3 | 66.2 | 66.8 | 67.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 6000 | 23.8 | 66.9 | 67.5 | 67.8 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 5000 | 23.9 | 67.8 | 68.4 | 68.9 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| GE 4500 | 24.0 | 68.6 | 69.1 | 69.6 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 4000 | 24.6 | 70.3 | 71.0 | 71.7 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 3500 | 25.7 | 72.2 | 72.9 | 73.6 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| GE 3000 | 26.4 | 74.9 | 75.6 | 76.4 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| GE 2500 | 27.0 | 78.7 | 79.4 | 80.2 | 81.0 | 81.0 | 81.2 | 81.2 | 81.2 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| GE 2000 | 27.2 | 80.7 | 81.6 | 82.6 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| GE 1800 | 27.2 | 81.6 | 82.6 | 83.5 | 84.5 | 84.8 | 84.9 | 84.9 | 84.9 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 1500 | 27.2 | 83.6 | 84.7 | 85.9 | 86.8 | 87.2 | 87.5 | 87.5 | 87.5 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 1200 | 27.2 | 85.3 | 86.7 | 88.2 | 89.2 | 89.5 | 90.0 | 90.0 | 90.0 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 1000 | 27.2 | 86.2 | 87.9 | 89.4 | 90.7 | 91.3 | 91.9 | 92.2 | 92.2 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 900 | 27.2 | 86.7 | 88.8 | 90.7 | 92.2 | 92.8 | 93.6 | 94.1 | 94.1 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 800 | 27.2 | 86.9 | 89.4 | 91.5 | 93.3 | 94.1 | 94.9 | 95.4 | 95.5 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 700 | 27.2 | 87.0 | 89.6 | 91.8 | 93.6 | 94.5 | 95.4 | 95.9 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 600 | 27.2 | 87.5 | 90.3 | 92.7 | 94.7 | 95.5 | 96.6 | 97.4 | 97.5 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 500 | 27.2 | 87.6 | 90.7 | 93.2 | 95.8 | 96.6 | 98.0 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 400 | 27.2 | 87.6 | 90.7 | 93.2 | 96.0 | 96.8 | 98.2 | 99.1 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 27.2 | 87.6 | 90.7 | 93.2 | 96.0 | 96.8 | 98.4 | 99.2 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 27.2 | 87.6 | 90.7 | 93.2 | 96.0 | 96.8 | 98.4 | 99.2 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 27.2 | 87.6 | 90.7 | 93.2 | 96.0 | 96.8 | 98.4 | 99.2 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 27.2 | 87.6 | 90.7 | 93.2 | 96.0 | 96.8 | 98.4 | 99.2 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 3/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 27.3 | 53.1 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 20000 | 29.3 | 60.6 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| GE 18000 | 29.8 | 61.0 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 16000 | 29.8 | 61.3 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| GE 14000 | 28.8 | 62.0 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| GE 12000 | 29.3 | 63.8 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GE 10000 | 29.9 | 65.8 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| GE 9000 | 29.9 | 66.0 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 8000 | 30.3 | 68.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| GE 7000 | 30.3 | 69.4 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 6000 | 30.7 | 70.6 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| GE 5000 | 31.2 | 71.9 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| GE 4500 | 31.8 | 72.6 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| GE 4000 | 32.1 | 74.4 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| GE 3500 | 32.6 | 76.2 | 78.2 | 78.5 | 78.6 | 78.6 | 78.6 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| GE 3000 | 33.3 | 78.6 | 80.8 | 81.2 | 81.3 | 81.3 | 81.3 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| GE 2500 | 33.9 | 81.8 | 83.9 | 84.7 | 85.0 | 85.0 | 85.0 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 2000 | 34.5 | 83.0 | 85.2 | 86.0 | 86.5 | 86.5 | 86.5 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| GE 1800 | 34.6 | 83.6 | 85.8 | 86.5 | 87.4 | 87.4 | 87.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 1500 | 34.7 | 85.0 | 87.5 | 88.2 | 89.4 | 89.4 | 89.6 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 1200 | 34.7 | 87.0 | 89.5 | 90.6 | 91.7 | 92.0 | 92.2 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 1000 | 34.7 | 87.8 | 90.7 | 92.2 | 93.4 | 93.7 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 900 | 34.7 | 88.2 | 91.3 | 92.9 | 94.3 | 95.0 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 800 | 34.7 | 88.4 | 91.6 | 93.4 | 95.0 | 95.7 | 96.1 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 700 | 34.7 | 88.7 | 91.9 | 93.6 | 95.3 | 96.0 | 96.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 600 | 34.7 | 88.9 | 92.3 | 94.1 | 95.7 | 96.5 | 96.8 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 500 | 34.7 | 89.1 | 92.8 | 94.6 | 96.3 | 97.0 | 97.4 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 400 | 34.7 | 89.3 | 92.9 | 94.8 | 96.9 | 97.6 | 98.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 300 | 34.7 | 89.3 | 92.9 | 94.8 | 97.2 | 97.9 | 98.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 34.7 | 89.3 | 92.9 | 94.8 | 97.2 | 97.9 | 98.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 34.7 | 89.3 | 92.9 | 94.8 | 97.2 | 97.9 | 98.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 34.7 | 89.3 | 92.9 | 94.8 | 97.2 | 97.9 | 98.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 847

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 25.4 | 56.2 | 57.0 | 57.4 | 57.4 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| GE 20000 | 26.4 | 61.1 | 61.9 | 62.3 | 62.3 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| GE 18000 | 26.4 | 61.3 | 62.1 | 62.5 | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| GE 16000 | 26.4 | 61.4 | 62.3 | 62.6 | 62.6 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| GE 14000 | 26.4 | 61.4 | 62.3 | 62.6 | 62.6 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| GE 12000 | 26.8 | 63.1 | 63.9 | 64.3 | 64.3 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 10000 | 26.8 | 64.5 | 65.4 | 65.8 | 65.8 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| GE 9000 | 26.8 | 64.6 | 65.5 | 66.0 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 8000 | 26.8 | 67.7 | 68.6 | 69.0 | 69.0 | 69.2 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| GE 7000 | 26.8 | 68.3 | 69.2 | 69.6 | 69.6 | 69.8 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| GE 6000 | 26.8 | 68.7 | 69.5 | 70.1 | 70.1 | 70.2 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| GE 5000 | 27.9 | 70.7 | 71.8 | 72.4 | 72.4 | 72.5 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 4500 | 28.5 | 72.5 | 73.8 | 74.5 | 74.5 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 4000 | 28.5 | 73.5 | 75.1 | 75.8 | 76.0 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 3500 | 28.7 | 75.2 | 77.3 | 78.2 | 78.5 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 3000 | 28.7 | 77.3 | 79.6 | 80.7 | 81.1 | 81.2 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| GE 2500 | 29.4 | 81.4 | 84.3 | 85.5 | 86.3 | 86.4 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 2000 | 29.5 | 82.6 | 85.5 | 87.1 | 88.0 | 88.1 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 1800 | 29.5 | 82.9 | 85.7 | 87.4 | 88.2 | 88.3 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 1500 | 29.5 | 84.3 | 87.3 | 88.9 | 89.8 | 89.9 | 90.1 | 90.2 | 90.2 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| GE 1200 | 29.5 | 85.0 | 88.1 | 89.9 | 90.8 | 91.0 | 91.2 | 91.3 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 1000 | 29.5 | 85.8 | 89.2 | 91.3 | 92.4 | 92.5 | 92.7 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 900 | 29.5 | 86.8 | 90.1 | 92.5 | 93.8 | 93.9 | 94.2 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 800 | 29.5 | 87.0 | 90.5 | 93.0 | 94.5 | 94.8 | 95.0 | 95.4 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 700 | 29.5 | 87.3 | 91.0 | 93.6 | 95.2 | 95.5 | 95.8 | 96.4 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 600 | 29.5 | 87.4 | 91.3 | 93.9 | 95.6 | 95.8 | 96.2 | 96.8 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 500 | 29.5 | 87.4 | 91.4 | 94.0 | 95.7 | 96.0 | 96.3 | 97.1 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 400 | 29.5 | 87.7 | 91.8 | 94.4 | 96.4 | 96.7 | 97.4 | 98.6 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 300 | 29.5 | 87.7 | 91.8 | 94.4 | 96.4 | 96.9 | 97.6 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 200 | 29.5 | 87.7 | 91.8 | 94.4 | 96.4 | 96.9 | 97.6 | 98.9 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE 100 | 29.5 | 87.7 | 91.8 | 94.4 | 96.4 | 96.9 | 97.6 | 98.9 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE 0 | 29.5 | 87.7 | 91.8 | 94.4 | 96.4 | 96.9 | 97.6 | 98.9 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 840

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 25.0 | 56.3 | 57.0 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| GE 20000 | 25.7 | 61.0 | 61.9 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| GE 18000 | 25.7 | 61.0 | 61.9 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| GE 16000 | 25.7 | 61.0 | 61.9 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| GE 14000 | 25.7 | 61.1 | 62.0 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| GE 12000 | 26.1 | 62.6 | 63.4 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| GE 10000 | 26.1 | 63.8 | 64.7 | 65.4 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| GE 9000 | 26.1 | 63.8 | 64.7 | 65.4 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| GE 8000 | 26.1 | 65.2 | 66.2 | 67.0 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 7000 | 26.1 | 66.3 | 67.5 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| GE 6000 | 26.1 | 67.0 | 68.2 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| GE 5000 | 26.5 | 68.5 | 69.7 | 70.9 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| GE 4500 | 26.7 | 70.6 | 71.8 | 72.9 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 4000 | 26.7 | 71.9 | 73.1 | 74.5 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 3500 | 27.7 | 73.9 | 75.4 | 77.1 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| GE 3000 | 28.4 | 77.4 | 79.3 | 81.3 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| GE 2500 | 29.0 | 78.9 | 81.2 | 83.2 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 2000 | 29.1 | 80.5 | 82.7 | 85.0 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 1800 | 29.1 | 81.3 | 83.6 | 85.8 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 1500 | 29.1 | 82.2 | 84.5 | 87.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 1200 | 29.1 | 83.6 | 85.9 | 88.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 1000 | 29.1 | 84.1 | 86.5 | 89.6 | 92.1 | 92.1 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 900 | 29.1 | 84.9 | 87.2 | 90.3 | 93.3 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 800 | 29.1 | 85.3 | 87.7 | 91.1 | 94.0 | 94.2 | 94.3 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 700 | 29.1 | 86.4 | 88.8 | 92.5 | 95.5 | 95.9 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 600 | 29.1 | 86.4 | 88.8 | 92.5 | 95.5 | 95.9 | 96.2 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 500 | 29.1 | 86.4 | 88.8 | 92.5 | 95.9 | 96.8 | 97.0 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 400 | 29.1 | 86.4 | 88.8 | 92.5 | 95.9 | 96.9 | 97.6 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 300 | 29.1 | 86.4 | 88.9 | 92.6 | 96.2 | 97.3 | 98.0 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 200 | 29.1 | 86.4 | 88.9 | 92.6 | 96.2 | 97.3 | 98.1 | 98.7 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.5 |
| GE 100 | 29.1 | 86.4 | 88.9 | 92.6 | 96.2 | 97.3 | 98.1 | 98.7 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.5 |
| GE 0 | 29.1 | 86.4 | 88.9 | 92.6 | 96.2 | 97.3 | 98.1 | 98.7 | 98.7 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 8.2 | 36.5 | 38.8 | 40.4 | 41.9 | 42.2 | 42.6 | 42.8 | 42.8 | 42.9 | 42.9 | 42.9 | 43.3 | 43.3 | 43.3 | 43.4 |
| GE 20000 | 9.3 | 42.1 | 45.2 | 47.4 | 48.9 | 49.4 | 49.7 | 49.9 | 49.9 | 50.1 | 50.1 | 50.1 | 50.4 | 50.4 | 50.4 | 50.5 |
| GE 18000 | 9.4 | 42.3 | 45.5 | 47.6 | 49.1 | 49.6 | 49.9 | 50.2 | 50.2 | 50.3 | 50.3 | 50.3 | 50.6 | 50.6 | 50.6 | 50.7 |
| GE 16000 | 9.4 | 42.5 | 45.6 | 47.8 | 49.3 | 49.7 | 50.1 | 50.3 | 50.3 | 50.4 | 50.4 | 50.4 | 50.7 | 50.7 | 50.7 | 50.9 |
| GE 14000 | 9.8 | 43.0 | 46.3 | 48.4 | 49.9 | 50.4 | 50.7 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.4 | 51.4 | 51.4 | 51.6 |
| GE 12000 | 9.9 | 44.1 | 47.3 | 49.6 | 51.1 | 51.6 | 51.9 | 52.1 | 52.1 | 52.2 | 52.2 | 52.2 | 52.6 | 52.6 | 52.6 | 52.7 |
| GE 10000 | 10.7 | 47.0 | 50.3 | 52.7 | 54.2 | 54.7 | 55.0 | 55.2 | 55.2 | 55.4 | 55.4 | 55.4 | 55.7 | 55.7 | 55.7 | 55.8 |
| GE 9000 | 10.7 | 47.3 | 50.9 | 53.3 | 54.8 | 55.2 | 55.6 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 56.3 | 56.3 | 56.3 | 56.4 |
| GE 8000 | 11.2 | 50.4 | 54.0 | 56.4 | 57.9 | 58.3 | 58.7 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.4 | 59.4 | 59.4 | 59.5 |
| GE 7000 | 11.3 | 51.6 | 55.4 | 57.8 | 59.3 | 59.7 | 60.1 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.8 | 60.8 | 60.8 | 60.9 |
| GE 6000 | 11.4 | 52.1 | 55.9 | 58.3 | 60.0 | 60.4 | 60.8 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.4 | 61.4 | 61.4 | 61.6 |
| GE 5000 | 11.6 | 54.2 | 58.2 | 60.8 | 62.4 | 62.8 | 63.2 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.9 | 63.9 | 63.9 | 64.0 |
| GE 4500 | 12.0 | 55.6 | 59.6 | 62.1 | 63.9 | 64.3 | 64.7 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.4 | 65.4 | 65.4 | 65.5 |
| GE 4000 | 12.0 | 56.8 | 61.1 | 63.8 | 65.5 | 66.1 | 66.5 | 66.7 | 66.7 | 66.9 | 66.9 | 66.9 | 67.2 | 67.2 | 67.2 | 67.3 |
| GE 3500 | 12.1 | 58.0 | 62.4 | 65.2 | 67.2 | 67.8 | 68.2 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.9 | 68.9 | 68.9 | 69.0 |
| GE 3000 | 12.4 | 59.5 | 64.1 | 67.0 | 69.0 | 69.6 | 70.1 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.8 | 70.8 | 70.8 | 70.9 |
| GE 2500 | 12.7 | 62.8 | 67.5 | 70.5 | 72.6 | 73.2 | 73.8 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.5 | 74.5 | 74.5 | 74.6 |
| GE 2000 | 12.9 | 64.4 | 69.4 | 72.4 | 74.5 | 75.0 | 75.6 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 76.3 | 76.3 | 76.3 | 76.4 |
| GE 1800 | 13.2 | 65.8 | 71.0 | 74.0 | 76.4 | 77.0 | 77.6 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 78.3 | 78.3 | 78.3 | 78.4 |
| GE 1500 | 13.7 | 70.1 | 75.7 | 79.2 | 82.5 | 83.1 | 83.9 | 84.5 | 84.5 | 84.6 | 84.6 | 84.6 | 85.0 | 85.0 | 85.0 | 85.2 |
| GE 1200 | 13.8 | 72.0 | 77.9 | 81.8 | 85.2 | 85.7 | 86.7 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.8 | 87.8 | 87.8 | 87.9 |
| GE 1000 | 13.8 | 73.4 | 79.4 | 83.4 | 86.9 | 87.5 | 88.6 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.8 | 89.8 | 89.8 | 89.9 |
| GE 900 | 13.8 | 73.8 | 80.2 | 84.5 | 87.9 | 88.5 | 89.6 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.8 | 90.8 | 90.8 | 90.9 |
| GE 800 | 13.8 | 73.9 | 80.4 | 84.8 | 88.5 | 89.1 | 90.2 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 91.4 | 91.5 | 91.5 | 91.6 |
| GE 700 | 13.8 | 74.2 | 81.0 | 85.4 | 89.3 | 89.9 | 91.0 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 92.2 | 92.3 | 92.3 | 92.4 |
| GE 600 | 13.9 | 75.0 | 82.3 | 87.0 | 91.5 | 92.2 | 93.4 | 94.1 | 94.1 | 94.2 | 94.4 | 94.4 | 94.8 | 94.9 | 94.9 | 95.1 |
| GE 500 | 14.0 | 75.5 | 83.0 | 87.7 | 92.2 | 92.9 | 94.1 | 94.8 | 94.8 | 94.9 | 95.1 | 95.1 | 95.5 | 95.6 | 95.6 | 95.7 |
| GE 400 | 14.0 | 75.6 | 83.3 | 88.0 | 92.6 | 93.3 | 95.2 | 96.0 | 96.0 | 96.2 | 96.3 | 96.3 | 96.9 | 97.1 | 97.1 | 97.2 |
| GE 300 | 14.0 | 75.8 | 83.3 | 88.0 | 92.9 | 93.6 | 95.5 | 96.3 | 96.3 | 96.5 | 96.8 | 96.8 | 97.5 | 97.8 | 97.8 | 98.3 |
| GE 200 | 14.0 | 75.8 | 83.3 | 88.0 | 92.9 | 93.6 | 95.5 | 96.3 | 96.3 | 96.5 | 96.8 | 96.9 | 97.7 | 98.2 | 98.2 | 99.1 |
| GE 100 | 14.0 | 75.8 | 83.3 | 88.0 | 92.9 | 93.6 | 95.5 | 96.3 | 96.3 | 96.5 | 96.8 | 96.9 | 97.7 | 98.2 | 98.2 | 99.5 |
| GE 0 | 14.0 | 75.8 | 83.3 | 88.0 | 92.9 | 93.6 | 95.5 | 96.3 | 96.3 | 96.5 | 96.8 | 96.9 | 97.7 | 98.2 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 869

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 14.7 | 45.1 | 45.9 | 46.3 | 46.3 | 46.3 | 46.3 | 46.5 | 46.5 | 46.5 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| GE 20000 | 16.9 | 52.0 | 53.0 | 53.4 | 53.4 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| GE 18000 | 16.9 | 52.2 | 53.1 | 53.5 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| GE 16000 | 17.0 | 52.3 | 53.2 | 53.7 | 53.7 | 53.7 | 53.7 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| GE 14000 | 17.0 | 52.7 | 53.7 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| GE 12000 | 17.3 | 54.2 | 55.2 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| GE 10000 | 17.7 | 56.2 | 57.2 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| GE 9000 | 18.2 | 56.7 | 57.6 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| GE 8000 | 18.5 | 59.7 | 60.8 | 61.3 | 61.3 | 61.3 | 61.3 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 7000 | 18.6 | 60.4 | 61.6 | 62.3 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| GE 6000 | 19.0 | 61.5 | 62.7 | 63.3 | 63.4 | 63.4 | 63.4 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| GE 5000 | 19.1 | 62.7 | 64.0 | 64.6 | 64.7 | 64.7 | 64.7 | 64.9 | 64.9 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 4500 | 19.6 | 63.9 | 65.2 | 65.8 | 65.9 | 65.9 | 65.9 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 4000 | 19.8 | 65.3 | 66.7 | 67.4 | 67.6 | 67.6 | 67.8 | 68.1 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| GE 3500 | 19.9 | 66.8 | 68.4 | 69.4 | 69.6 | 69.6 | 69.8 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 3000 | 20.6 | 70.1 | 71.7 | 72.8 | 73.0 | 73.0 | 73.2 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| GE 2500 | 21.2 | 72.8 | 74.7 | 76.0 | 76.2 | 76.2 | 76.5 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE 2000 | 21.5 | 76.8 | 79.0 | 80.4 | 80.6 | 80.6 | 81.0 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| GE 1800 | 21.7 | 78.1 | 80.3 | 81.7 | 82.2 | 82.2 | 82.5 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| GE 1500 | 22.2 | 82.0 | 84.5 | 85.9 | 86.8 | 86.8 | 87.2 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 1200 | 22.4 | 84.2 | 87.1 | 88.7 | 89.8 | 89.8 | 90.2 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| GE 1000 | 22.7 | 86.2 | 89.5 | 91.2 | 92.4 | 92.4 | 92.9 | 93.1 | 93.2 | 93.2 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 900 | 22.7 | 86.8 | 90.3 | 92.2 | 93.3 | 93.3 | 93.9 | 94.1 | 94.2 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 800 | 22.7 | 87.1 | 90.6 | 92.7 | 94.0 | 94.0 | 94.5 | 94.7 | 94.8 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 700 | 22.7 | 87.3 | 91.0 | 93.0 | 94.3 | 94.3 | 94.8 | 95.2 | 95.4 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 600 | 22.7 | 87.3 | 91.1 | 93.1 | 94.7 | 94.7 | 95.3 | 95.8 | 96.1 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 500 | 22.7 | 87.4 | 91.5 | 93.5 | 95.7 | 95.7 | 96.6 | 97.2 | 97.6 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 400 | 22.7 | 87.4 | 91.5 | 93.5 | 96.0 | 96.0 | 97.0 | 97.8 | 98.4 | 98.7 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 300 | 22.7 | 87.4 | 91.5 | 93.5 | 96.0 | 96.1 | 97.1 | 98.4 | 98.9 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 22.7 | 87.4 | 91.5 | 93.5 | 96.0 | 96.1 | 97.1 | 98.4 | 98.9 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 22.7 | 87.4 | 91.5 | 93.5 | 96.0 | 96.1 | 97.1 | 98.4 | 98.9 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 22.7 | 87.4 | 91.5 | 93.5 | 96.0 | 96.1 | 97.1 | 98.4 | 98.9 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 19.1 | 45.4 | 45.4 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| GE 20000 | 22.3 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| GE 18000 | 22.3 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| GE 16000 | 22.4 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| GE 14000 | 22.5 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| GE 12000 | 23.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| GE 10000 | 23.8 | 60.9 | 60.9 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| GE 9000 | 24.4 | 62.0 | 62.0 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| GE 8000 | 25.3 | 65.6 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 7000 | 25.4 | 67.3 | 67.5 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| GE 6000 | 25.4 | 68.0 | 68.2 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 5000 | 25.6 | 69.2 | 69.5 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| GE 4500 | 25.8 | 70.4 | 70.8 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 4000 | 26.2 | 72.4 | 72.8 | 73.2 | 73.7 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 3500 | 26.5 | 75.1 | 75.5 | 75.9 | 76.3 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| GE 3000 | 26.8 | 81.0 | 81.6 | 82.0 | 82.7 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 2500 | 27.3 | 85.2 | 85.9 | 86.3 | 87.1 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 2000 | 28.0 | 87.6 | 88.4 | 89.2 | 90.4 | 90.6 | 90.0 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 1800 | 28.1 | 88.3 | 89.0 | 89.9 | 91.1 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 1500 | 28.1 | 89.7 | 90.6 | 91.6 | 93.0 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 1200 | 28.1 | 90.4 | 91.4 | 92.6 | 94.2 | 94.5 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 1000 | 28.1 | 91.1 | 92.3 | 93.4 | 95.3 | 95.6 | 95.8 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 900 | 28.1 | 91.6 | 92.8 | 94.0 | 95.8 | 96.1 | 96.3 | 96.3 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 800 | 28.2 | 92.2 | 93.4 | 94.6 | 96.5 | 96.8 | 97.0 | 97.0 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 700 | 28.3 | 92.4 | 93.7 | 94.8 | 96.8 | 97.1 | 97.4 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 600 | 28.4 | 92.5 | 93.8 | 95.1 | 97.1 | 97.4 | 98.0 | 98.1 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 500 | 28.4 | 92.7 | 94.2 | 95.7 | 97.7 | 98.2 | 98.8 | 98.9 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 400 | 28.4 | 92.7 | 94.2 | 95.7 | 97.7 | 98.2 | 98.8 | 98.9 | 99.0 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 300 | 28.4 | 92.7 | 94.2 | 95.7 | 97.7 | 98.2 | 99.0 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | 28.4 | 92.7 | 94.2 | 95.7 | 97.7 | 98.2 | 99.0 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 100 | 28.4 | 92.7 | 94.2 | 95.7 | 97.7 | 98.2 | 99.0 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 0 | 28.4 | 92.7 | 94.2 | 95.7 | 97.7 | 98.2 | 99.0 | 99.2 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 22.2 | 45.1 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| GE 20000 | 26.3 | 56.8 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| GE 18000 | 26.3 | 56.8 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| GE 16000 | 26.5 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| GE 14000 | 27.3 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| GE 12000 | 27.7 | 61.1 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 10000 | 29.2 | 65.5 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| GE 9000 | 29.9 | 66.7 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| GE 8000 | 31.6 | 70.4 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| GE 7000 | 31.9 | 71.4 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 6000 | 31.9 | 71.5 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| GE 5000 | 32.3 | 73.8 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 4500 | 32.5 | 74.7 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 4000 | 33.2 | 77.5 | 78.2 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| GE 3500 | 33.9 | 80.2 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 3000 | 34.1 | 83.3 | 84.0 | 84.1 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 2500 | 34.3 | 86.0 | 86.8 | 86.9 | 87.4 | 87.5 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 2000 | 34.5 | 87.8 | 89.2 | 89.8 | 90.3 | 90.5 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE 1800 | 34.5 | 88.0 | 89.4 | 89.9 | 90.5 | 90.8 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 1500 | 34.7 | 88.7 | 90.3 | 90.9 | 91.5 | 91.7 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 1200 | 34.7 | 90.0 | 91.8 | 92.5 | 93.4 | 93.7 | 94.5 | 94.5 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 1000 | 34.7 | 90.5 | 92.5 | 93.3 | 94.4 | 94.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 900 | 35.1 | 91.4 | 93.3 | 94.2 | 95.3 | 95.5 | 96.6 | 96.7 | 96.9 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 800 | 35.1 | 91.4 | 93.4 | 94.3 | 95.5 | 95.7 | 96.8 | 96.9 | 97.1 | 97.4 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 700 | 35.1 | 91.5 | 93.7 | 94.5 | 95.7 | 95.9 | 97.1 | 97.2 | 97.4 | 97.8 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 600 | 35.1 | 91.6 | 93.9 | 95.1 | 96.3 | 96.6 | 97.7 | 98.2 | 98.4 | 98.8 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 500 | 35.1 | 91.7 | 94.1 | 95.4 | 96.7 | 96.9 | 98.1 | 98.5 | 98.7 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 35.1 | 91.7 | 94.2 | 95.5 | 96.8 | 97.1 | 98.4 | 98.8 | 99.0 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 35.1 | 91.7 | 94.2 | 95.5 | 96.8 | 97.1 | 98.4 | 98.8 | 99.0 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 35.1 | 91.7 | 94.2 | 95.5 | 96.8 | 97.1 | 98.4 | 98.8 | 99.0 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 35.1 | 91.7 | 94.2 | 95.5 | 96.8 | 97.1 | 98.4 | 98.8 | 99.0 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 35.1 | 91.7 | 94.2 | 95.5 | 96.8 | 97.1 | 98.4 | 98.8 | 99.0 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 21.8 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| GE 20000 | 24.8 | 61.2 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| GE 18000 | 24.8 | 61.2 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| GE 16000 | 24.8 | 61.2 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| GE 14000 | 25.5 | 62.5 | 62.5 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| GE 12000 | 25.7 | 64.8 | 64.8 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 10000 | 27.0 | 68.4 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 9000 | 27.0 | 68.4 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| GE 8000 | 27.7 | 70.1 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 7000 | 28.0 | 70.9 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 6000 | 28.7 | 71.6 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| GE 5000 | 29.3 | 74.2 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| GE 4500 | 29.9 | 76.6 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 4000 | 30.4 | 79.4 | 79.6 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| GE 3500 | 30.7 | 81.0 | 81.3 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| GE 3000 | 30.8 | 83.4 | 83.9 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| GE 2500 | 30.8 | 85.2 | 85.7 | 86.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE 2000 | 30.8 | 87.2 | 88.1 | 88.9 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE 1800 | 30.8 | 87.8 | 88.6 | 89.7 | 90.2 | 90.2 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 1500 | 31.1 | 89.3 | 90.4 | 91.7 | 92.2 | 92.2 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 1200 | 31.2 | 89.9 | 91.2 | 92.8 | 93.8 | 93.8 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 1000 | 31.2 | 90.4 | 91.8 | 93.6 | 94.7 | 94.9 | 95.3 | 95.4 | 95.4 | 95.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 900 | 31.4 | 90.9 | 92.5 | 94.5 | 95.9 | 96.1 | 96.5 | 96.6 | 96.7 | 97.0 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 800 | 31.4 | 91.0 | 92.7 | 94.7 | 96.4 | 96.6 | 97.3 | 97.4 | 97.5 | 97.7 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 700 | 31.4 | 91.0 | 92.7 | 94.8 | 97.0 | 97.2 | 97.9 | 98.0 | 98.2 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 600 | 31.4 | 91.2 | 93.0 | 95.0 | 97.4 | 97.6 | 98.6 | 98.8 | 98.9 | 99.3 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 31.4 | 91.2 | 93.0 | 95.0 | 97.4 | 97.6 | 98.6 | 99.0 | 99.1 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 31.4 | 91.2 | 93.0 | 95.0 | 97.4 | 97.6 | 98.6 | 99.1 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 31.4 | 91.2 | 93.0 | 95.0 | 97.4 | 97.6 | 98.6 | 99.1 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 31.4 | 91.2 | 93.0 | 95.0 | 97.4 | 97.6 | 98.6 | 99.1 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 31.4 | 91.2 | 93.0 | 95.0 | 97.4 | 97.6 | 98.6 | 99.1 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 31.4 | 91.2 | 93.0 | 95.0 | 97.4 | 97.6 | 98.6 | 99.1 | 99.2 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAR HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 22.6 | 56.7 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| GE 20000 | 24.6 | 62.8 | 63.0 | 63.2 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| GE 18000 | 24.7 | 63.0 | 63.3 | 63.4 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| GE 16000 | 24.7 | 63.0 | 63.3 | 63.4 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| GE 14000 | 24.7 | 63.2 | 63.4 | 63.5 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| GE 12000 | 24.8 | 64.5 | 64.8 | 64.9 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 10000 | 26.2 | 67.0 | 67.2 | 67.3 | 67.4 | 67.4 | 67.4 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 9000 | 26.2 | 67.1 | 67.3 | 67.4 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| GE 8000 | 27.3 | 69.6 | 69.9 | 70.0 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| GE 7000 | 27.5 | 70.0 | 70.2 | 70.3 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 71.1 | 71.1 |
| GE 6000 | 28.0 | 70.6 | 70.8 | 70.9 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.4 | 71.4 | 71.4 | 71.4 | 71.7 | 71.7 |
| GE 5000 | 29.2 | 73.7 | 74.0 | 74.2 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 75.1 | 75.1 |
| GE 4500 | 30.1 | 75.4 | 75.8 | 75.9 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.5 | 76.5 | 76.5 | 76.5 | 76.8 | 76.8 |
| GE 4000 | 30.5 | 77.1 | 77.4 | 77.5 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.4 | 78.4 |
| GE 3500 | 31.3 | 78.9 | 79.3 | 79.4 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.3 | 80.3 |
| GE 3000 | 31.6 | 82.3 | 83.1 | 83.4 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.5 | 84.5 |
| GE 2500 | 31.6 | 83.5 | 84.5 | 84.8 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.9 | 85.9 |
| GE 2000 | 31.7 | 85.5 | 86.4 | 86.8 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.9 | 87.9 |
| GE 1800 | 32.1 | 86.3 | 87.4 | 87.7 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.9 | 88.9 |
| GE 1500 | 32.1 | 87.1 | 88.4 | 88.9 | 89.5 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.4 | 90.4 |
| GE 1200 | 32.1 | 87.8 | 89.1 | 89.8 | 91.1 | 91.1 | 91.7 | 91.9 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.5 | 92.5 |
| GE 1000 | 32.3 | 88.6 | 90.2 | 90.8 | 92.5 | 92.5 | 93.0 | 93.3 | 93.3 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 94.1 | 94.1 |
| GE 900 | 32.3 | 89.6 | 91.2 | 92.0 | 93.6 | 93.6 | 94.6 | 94.9 | 95.0 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.8 | 95.8 |
| GE 800 | 32.3 | 90.0 | 91.7 | 92.6 | 94.6 | 94.6 | 95.6 | 96.2 | 96.3 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 97.1 | 97.1 |
| GE 700 | 32.3 | 90.3 | 92.2 | 93.2 | 95.4 | 95.5 | 96.6 | 97.2 | 97.7 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.5 | 98.5 |
| GE 600 | 32.3 | 90.3 | 92.4 | 93.3 | 95.6 | 95.8 | 97.0 | 97.7 | 98.1 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 |
| GE 500 | 32.3 | 90.6 | 92.8 | 93.7 | 96.2 | 96.4 | 97.6 | 98.4 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 |
| GE 400 | 32.3 | 90.6 | 92.8 | 93.7 | 96.2 | 96.4 | 97.7 | 98.5 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 |
| GE 300 | 32.3 | 90.6 | 92.8 | 93.7 | 96.2 | 96.4 | 97.7 | 98.5 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 |
| GE 200 | 32.3 | 90.6 | 92.8 | 93.7 | 96.2 | 96.4 | 97.7 | 98.5 | 99.0 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.9 | 99.9 |
| GE 100 | 32.3 | 90.6 | 92.8 | 93.7 | 96.2 | 96.4 | 97.7 | 98.5 | 99.0 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.9 | 99.9 |
| GE 0 | 32.3 | 90.6 | 92.8 | 93.7 | 96.2 | 96.4 | 97.7 | 98.5 | 99.0 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 863

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 17.8 | 45.1 | 47.2 | 48.6 | 48.8 | 49.1 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.9 | 50.0 | 50.0 | 50.1 | 50.4 |
| GE 20000 | 18.9 | 50.1 | 53.4 | 54.9 | 55.6 | 55.9 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 | 57.1 | 57.1 | 57.3 | 57.5 |
| GE 18000 | 18.9 | 50.2 | 53.5 | 55.0 | 55.7 | 56.0 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.3 | 57.3 | 57.4 | 57.6 |
| GE 16000 | 18.9 | 50.4 | 53.6 | 55.2 | 55.9 | 56.1 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.3 | 57.4 | 57.4 | 57.5 | 57.7 |
| GE 14000 | 19.0 | 51.2 | 54.4 | 56.0 | 56.8 | 57.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.3 | 58.3 | 58.4 | 58.7 |
| GE 12000 | 19.2 | 52.6 | 56.0 | 57.5 | 58.3 | 58.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.7 | 59.8 | 59.8 | 60.0 | 60.2 |
| GE 10000 | 19.8 | 54.2 | 58.2 | 59.7 | 60.5 | 60.8 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.9 | 62.1 | 62.1 | 62.2 | 62.4 |
| GE 9000 | 19.8 | 54.7 | 58.7 | 60.2 | 61.0 | 61.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 62.5 | 62.5 | 62.6 | 62.9 |
| GE 8000 | 20.1 | 56.9 | 61.4 | 63.1 | 63.9 | 64.2 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.5 | 65.5 | 65.6 | 65.8 |
| GE 7000 | 20.1 | 57.8 | 62.4 | 64.2 | 65.0 | 65.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.5 | 66.5 | 66.6 | 66.9 |
| GE 6000 | 20.1 | 58.8 | 63.6 | 65.6 | 66.4 | 66.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 67.9 | 67.9 | 68.0 | 68.3 |
| GE 5000 | 20.4 | 60.4 | 65.5 | 67.6 | 68.4 | 68.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.9 | 69.9 | 70.0 | 70.3 |
| GE 4500 | 20.5 | 61.1 | 66.3 | 68.4 | 69.2 | 69.4 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.8 | 71.0 | 71.0 | 71.1 | 71.3 |
| GE 4000 | 20.5 | 63.1 | 68.3 | 70.4 | 71.2 | 71.4 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 73.0 | 73.0 | 73.1 | 73.3 |
| GE 3500 | 20.7 | 63.8 | 69.0 | 71.1 | 71.9 | 72.1 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.5 | 73.7 | 73.7 | 73.8 | 74.0 |
| GE 3000 | 20.7 | 65.3 | 70.8 | 73.2 | 74.0 | 74.2 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.8 | 75.9 | 75.9 | 76.0 | 76.2 |
| GE 2500 | 21.4 | 68.6 | 74.2 | 76.6 | 77.4 | 77.6 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.2 | 79.3 | 79.3 | 79.4 | 79.6 |
| GE 2000 | 21.5 | 69.9 | 75.8 | 78.2 | 79.0 | 79.3 | 80.4 | 80.6 | 80.7 | 80.8 | 80.8 | 80.9 | 81.0 | 81.0 | 81.1 | 81.4 |
| GE 1800 | 21.7 | 70.3 | 76.3 | 78.8 | 79.7 | 80.0 | 81.1 | 81.3 | 81.4 | 81.5 | 81.5 | 81.6 | 81.7 | 81.7 | 81.9 | 82.1 |
| GE 1500 | 21.8 | 72.4 | 78.6 | 81.0 | 82.0 | 82.2 | 83.4 | 83.5 | 83.6 | 83.7 | 83.7 | 83.8 | 84.0 | 84.0 | 84.1 | 84.3 |
| GE 1200 | 21.8 | 74.0 | 80.7 | 83.6 | 84.7 | 84.9 | 86.2 | 86.5 | 86.7 | 86.8 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.5 |
| GE 1000 | 21.8 | 75.4 | 82.3 | 85.8 | 87.1 | 87.5 | 89.0 | 89.3 | 89.[illegible] | 89.6 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.3 |
| GE 900 | 21.8 | 76.1 | 83.1 | 86.8 | 88.1 | 88.4 | 89.9 | 90.3 | 90.4 | 90.5 | 90.5 | 90.6 | 90.7 | 90.9 | 91.0 | 91.2 |
| GE 800 | 21.8 | 76.8 | 84.0 | 87.8 | 89.6 | 90.0 | 91.8 | 92.2 | 92.3 | 92.4 | 92.4 | 92.5 | 92.6 | 92.7 | 92.9 | 93.1 |
| GE 700 | 21.8 | 77.3 | 84.4 | 88.4 | 90.4 | 91.2 | 93.0 | 93.3 | 93.4 | 93.6 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 | 94.3 |
| GE 600 | 21.8 | 77.3 | 84.5 | 88.5 | 90.7 | 91.6 | 93.8 | 94.3 | 94.4 | 94.5 | 94.5 | 94.6 | 94.7 | 94.8 | 95.0 | 95.2 |
| GE 500 | 21.8 | 77.5 | 84.8 | 88.9 | 91.6 | 92.4 | 94.7 | 95.3 | 95.4 | 95.7 | 95.7 | 95.8 | 96.0 | 96.1 | 96.3 | 96.6 |
| GE 400 | 21.8 | 77.5 | 84.8 | 88.9 | 91.6 | 92.4 | 95.0 | 95.9 | 96.3 | 96.5 | 96.6 | 96.7 | 97.1 | 97.2 | 97.3 | 97.8 |
| GE 300 | 21.8 | 77.5 | 84.8 | 89.0 | 91.7 | 92.5 | 95.2 | 96.3 | 96.7 | 97.3 | 97.7 | 97.9 | 98.4 | 98.5 | 98.6 | 99.2 |
| GE 200 | 21.8 | 77.5 | 84.8 | 89.0 | 91.7 | 92.5 | 95.3 | 96.4 | 96.8 | 97.4 | 97.8 | 98.1 | 98.6 | 98.7 | 98.8 | 99.6 |
| GE 100 | 21.8 | 77.5 | 84.8 | 89.0 | 91.7 | 92.5 | 95.3 | 96.4 | 96.8 | 97.4 | 97.8 | 98.1 | 98.6 | 98.7 | 98.9 | 99.9 |
| GE 0 | 21.8 | 77.5 | 84.8 | 89.0 | 91.7 | 92.5 | 95.3 | 96.4 | 96.8 | 97.4 | 97.8 | 98.1 | 98.6 | 98.7 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 854

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 24.4 | 52.8 | 53.7 | 54.2 | 54.6 | 54.6 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| GE 20000 | 26.4 | 59.8 | 60.8 | 61.3 | 61.7 | 61.7 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 |
| GE 18000 | 26.5 | 60.5 | 61.5 | 62.0 | 62.4 | 62.4 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| GE 16000 | 26.5 | 60.8 | 61.8 | 62.3 | 62.7 | 62.7 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 14000 | 26.6 | 61.5 | 62.5 | 63.0 | 63.4 | 63.4 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| GE 12000 | 26.7 | 62.7 | 63.7 | 64.2 | 64.6 | 64.6 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| GE 10000 | 27.3 | 64.7 | 65.9 | 66.3 | 66.7 | 66.7 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| GE 9000 | 27.3 | 64.7 | 65.9 | 66.3 | 66.7 | 66.7 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| GE 8000 | 27.5 | 67.0 | 68.4 | 68.9 | 69.3 | 69.3 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 7000 | 27.5 | 68.1 | 69.5 | 70.0 | 70.4 | 70.4 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 6000 | 27.6 | 69.1 | 70.5 | 71.0 | 71.4 | 71.4 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| GE 5000 | 27.7 | 70.3 | 71.7 | 72.2 | 72.6 | 72.6 | 72.7 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE 4500 | 27.7 | 71.0 | 72.6 | 73.1 | 73.5 | 73.5 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| GE 4000 | 27.7 | 73.0 | 74.7 | 75.2 | 75.6 | 75.6 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| GE 3500 | 28.0 | 74.3 | 76.1 | 76.5 | 77.0 | 77.0 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| GE 3000 | 28.9 | 78.1 | 80.0 | 80.4 | 80.9 | 80.9 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 2500 | 29.1 | 80.8 | 82.6 | 83.1 | 83.6 | 83.6 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| GE 2000 | 29.6 | 84.0 | 86.0 | 86.5 | 87.2 | 87.2 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 1800 | 29.6 | 84.9 | 86.9 | 87.4 | 88.1 | 88.1 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 1500 | 29.8 | 87.5 | 89.7 | 90.2 | 90.9 | 90.9 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 1200 | 29.9 | 89.3 | 91.4 | 92.5 | 93.4 | 93.5 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 1000 | 30.0 | 90.7 | 92.9 | 94.0 | 95.1 | 95.3 | 96.0 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 900 | 30.0 | 91.1 | 93.4 | 94.5 | 96.0 | 96.2 | 96.9 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 800 | 30.0 | 91.7 | 94.1 | 95.4 | 97.1 | 97.3 | 98.0 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 700 | 30.0 | 91.9 | 94.3 | 95.8 | 97.4 | 97.7 | 98.3 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 600 | 30.0 | 91.9 | 94.4 | 95.9 | 97.6 | 97.8 | 98.4 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 500 | 30.0 | 92.0 | 94.5 | 96.0 | 97.8 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | 30.0 | 92.0 | 94.5 | 96.0 | 97.8 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 30.0 | 92.0 | 94.5 | 96.0 | 97.8 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 30.0 | 92.0 | 94.5 | 96.0 | 97.8 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 30.0 | 92.0 | 94.5 | 96.0 | 97.8 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 30.0 | 92.0 | 94.5 | 96.0 | 97.8 | 98.0 | 98.8 | 99.2 | 99.2 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 26.6 | 53.7 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| GE 20000 | 30.0 | 64.1 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| GE 18000 | 30.3 | 64.4 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| GE 16000 | 30.3 | 64.4 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| GE 14000 | 30.3 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 12000 | 30.6 | 66.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| GE 10000 | 31.4 | 69.9 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 9000 | 31.4 | 69.9 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 8000 | 31.4 | 72.4 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 7000 | 31.7 | 72.9 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| GE 6000 | 32.1 | 73.8 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| GE 5000 | 32.8 | 75.7 | 76.7 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE 4500 | 32.9 | 76.4 | 77.6 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| GE 4000 | 33.0 | 78.8 | 80.1 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| GE 3500 | 33.3 | 83.1 | 84.4 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 3000 | 34.3 | 86.7 | 88.0 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 2500 | 34.3 | 88.1 | 89.7 | 90.1 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 2000 | 34.3 | 90.1 | 91.9 | 92.4 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| GE 1800 | 34.3 | 90.7 | 92.7 | 93.2 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 1500 | 34.6 | 92.0 | 94.0 | 94.9 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 1200 | 34.7 | 93.4 | 95.4 | 96.6 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 1000 | 34.7 | 93.9 | 96.0 | 97.1 | 97.9 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 900 | 34.7 | 93.9 | 96.0 | 97.2 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 800 | 34.7 | 94.1 | 96.3 | 97.6 | 98.6 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 700 | 34.7 | 94.1 | 96.4 | 97.8 | 98.8 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 600 | 34.7 | 94.2 | 96.7 | 98.1 | 99.1 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 34.7 | 94.2 | 96.7 | 98.1 | 99.1 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 34.7 | 94.2 | 96.7 | 98.1 | 99.1 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 34.7 | 94.2 | 96.7 | 98.1 | 99.1 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 34.7 | 94.2 | 96.7 | 98.1 | 99.1 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 34.7 | 94.2 | 96.7 | 98.1 | 99.1 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 34.7 | 94.2 | 96.7 | 98.1 | 99.1 | 99.2 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 29.2 | 53.4 | 53.7 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| GE 20000 | 32.7 | 65.9 | 66.2 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| GE 18000 | 33.2 | 67.3 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 16000 | 33.2 | 67.3 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 14000 | 33.3 | 67.9 | 68.2 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 12000 | 33.8 | 69.7 | 70.0 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| GE 10000 | 35.2 | 74.9 | 75.2 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| GE 9000 | 35.7 | 75.9 | 76.2 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE 8000 | 35.8 | 78.9 | 79.3 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 7000 | 35.9 | 79.3 | 80.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 6000 | 36.1 | 80.2 | 81.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 5000 | 36.1 | 81.6 | 82.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE 4500 | 36.6 | 82.7 | 83.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 4000 | 37.1 | 85.7 | 86.6 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 3500 | 37.2 | 88.2 | 89.2 | 90.4 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 3000 | 37.6 | 90.2 | 91.2 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 2500 | 37.8 | 91.3 | 92.4 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 2000 | 38.0 | 93.1 | 94.2 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 1800 | 38.0 | 93.6 | 94.7 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 1500 | 38.0 | 94.3 | 95.4 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 1200 | 38.3 | 95.3 | 96.4 | 98.0 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1000 | 38.3 | 95.6 | 96.8 | 98.3 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 900 | 38.3 | 95.7 | 96.9 | 98.4 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 800 | 38.3 | 95.8 | 97.0 | 98.6 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 700 | 38.3 | 95.9 | 97.1 | 98.7 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 600 | 38.3 | 95.9 | 97.2 | 98.8 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 500 | 38.3 | 95.9 | 97.2 | 98.8 | 99.1 | 99.1 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 38.3 | 95.9 | 97.2 | 98.8 | 99.1 | 99.1 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 38.3 | 95.9 | 97.2 | 98.8 | 99.1 | 99.1 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 38.3 | 95.9 | 97.2 | 98.8 | 99.1 | 99.1 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 38.3 | 95.9 | 97.2 | 98.8 | 99.1 | 99.1 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 38.3 | 95.9 | 97.2 | 98.8 | 99.1 | 99.1 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 29.3 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| GE 20000 | 31.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 18000 | 31.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 16000 | 31.4 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 14000 | 32.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| GE 12000 | 32.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| GE 10000 | 33.7 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| GE 9000 | 33.7 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 8000 | 34.2 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 7000 | 34.2 | 80.0 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| GE 6000 | 34.3 | 80.8 | 81.0 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 5000 | 34.7 | 82.3 | 82.5 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 4500 | 34.8 | 83.4 | 83.7 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 4000 | 35.3 | 87.1 | 87.3 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 3500 | 35.4 | 89.3 | 89.6 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 3000 | 35.5 | 91.0 | 91.3 | 91.8 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 2500 | 35.5 | 92.4 | 93.2 | 93.8 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 2000 | 35.5 | 93.6 | 94.6 | 95.1 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 1800 | 35.5 | 93.9 | 94.8 | 95.3 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 1500 | 35.5 | 95.2 | 96.5 | 97.2 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 1200 | 35.6 | 95.7 | 96.9 | 97.6 | 97.8 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 1000 | 35.6 | 95.9 | 97.2 | 98.0 | 98.2 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 900 | 35.6 | 95.9 | 97.3 | 98.1 | 98.3 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 800 | 35.6 | 96.3 | 97.6 | 98.4 | 98.6 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 700 | 35.6 | 96.4 | 97.7 | 98.5 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 600 | 35.6 | 96.6 | 98.0 | 98.8 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 500 | 35.6 | 96.7 | 98.1 | 99.2 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 35.6 | 96.7 | 98.1 | 99.2 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 35.6 | 96.7 | 98.1 | 99.2 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 35.6 | 96.7 | 98.1 | 99.2 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 35.6 | 96.7 | 98.1 | 99.2 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 35.6 | 96.7 | 98.1 | 99.2 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: APR HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 31.0 | 62.6 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 20000 | 31.9 | 67.2 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| GE 18000 | 31.9 | 67.2 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| GE 16000 | 31.9 | 67.2 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| GE 14000 | 32.0 | 67.4 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| GE 12000 | 32.0 | 68.3 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 10000 | 32.3 | 72.0 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE 9000 | 32.3 | 72.4 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE 8000 | 32.6 | 75.5 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| GE 7000 | 32.8 | 76.4 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| GE 6000 | 33.0 | 77.2 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| GE 5000 | 33.4 | 79.8 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| GE 4500 | 33.9 | 81.6 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| GE 4000 | 34.2 | 83.4 | 84.6 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 3500 | 34.2 | 84.8 | 86.4 | 86.4 | 86.5 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 3000 | 34.3 | 87.4 | 89.2 | 89.2 | 89.5 | 89.5 | 89.6 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE 2500 | 34.5 | 89.4 | 91.2 | 91.2 | 91.6 | 91.6 | 91.7 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 2000 | 34.5 | 90.9 | 92.7 | 92.7 | 93.1 | 93.1 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 1800 | 34.5 | 91.6 | 93.4 | 93.4 | 93.8 | 93.8 | 93.9 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 1500 | 34.5 | 92.4 | 94.7 | 94.9 | 95.3 | 95.3 | 95.5 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 1200 | 34.7 | 93.1 | 95.5 | 95.7 | 96.1 | 96.1 | 96.2 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 1000 | 34.7 | 94.6 | 97.0 | 97.3 | 97.7 | 97.7 | 97.8 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 900 | 34.7 | 94.8 | 97.7 | 97.9 | 98.3 | 98.3 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 800 | 34.7 | 94.8 | 97.7 | 97.9 | 98.3 | 98.3 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 700 | 34.7 | 94.9 | 97.8 | 98.1 | 98.4 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 600 | 34.7 | 95.1 | 97.9 | 98.3 | 99.0 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 500 | 34.7 | 95.1 | 98.2 | 98.7 | 99.5 | 99.5 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 34.7 | 95.1 | 98.2 | 98.7 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 34.7 | 95.1 | 98.2 | 98.7 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 34.7 | 95.1 | 98.2 | 98.7 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 34.7 | 95.1 | 98.2 | 98.7 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 34.7 | 95.1 | 98.2 | 98.7 | 99.6 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76,78-84
MONTH: MAY HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 3.7 | 30.1 | 35.6 | 39.3 | 42.5 | 43.8 | 48.9 | 48.9 | 49.8 | 50.2 | 50.2 | 50.2 | 50.7 | 50.7 | 50.7 | 51.1 |
| GE 20000 | 3.7 | 34.2 | 41.1 | 45.7 | 49.8 | 51.6 | 57.1 | 57.1 | 58.0 | 58.4 | 58.4 | 58.4 | 58.9 | 58.9 | 58.9 | 59.4 |
| GE 18000 | 3.7 | 34.2 | 41.1 | 46.1 | 50.2 | 52.1 | 57.5 | 57.5 | 58.4 | 58.9 | 58.9 | 58.9 | 59.4 | 59.4 | 59.4 | 59.8 |
| GE 16000 | 3.7 | 34.2 | 41.1 | 46.1 | 50.2 | 52.1 | 57.5 | 57.5 | 58.4 | 58.9 | 58.9 | 58.9 | 59.4 | 59.4 | 59.4 | 59.8 |
| GE 14000 | 3.7 | 34.7 | 41.6 | 46.6 | 50.7 | 52.5 | 58.0 | 58.0 | 58.9 | 59.4 | 59.4 | 59.4 | 59.8 | 59.8 | 59.8 | 60.3 |
| GE 12000 | 3.7 | 35.2 | 42.0 | 47.0 | 51.1 | 53.0 | 58.4 | 58.4 | 59.4 | 59.8 | 59.8 | 59.8 | 60.3 | 60.3 | 60.3 | 60.7 |
| GE 10000 | 3.7 | 36.1 | 43.4 | 48.4 | 52.5 | 54.3 | 59.8 | 59.8 | 60.7 | 61.2 | 61.2 | 61.2 | 61.6 | 61.6 | 61.6 | 62.1 |
| GE 9000 | 3.7 | 36.5 | 43.8 | 48.9 | 53.0 | 54.8 | 60.3 | 60.3 | 61.2 | 61.6 | 61.6 | 61.6 | 62.1 | 62.1 | 62.1 | 62.6 |
| GE 8000 | 3.7 | 39.7 | 47.5 | 52.5 | 58.0 | 59.8 | 65.3 | 65.8 | 66.7 | 67.6 | 67.6 | 67.6 | 68.0 | 68.0 | 68.0 | 68.5 |
| GE 7000 | 4.1 | 40.6 | 48.4 | 53.4 | 58.9 | 60.7 | 66.2 | 66.7 | 67.6 | 68.5 | 68.5 | 68.5 | 68.9 | 68.9 | 68.9 | 69.4 |
| GE 6000 | 4.6 | 41.1 | 48.9 | 54.3 | 59.8 | 61.6 | 67.1 | 67.6 | 68.5 | 69.4 | 69.4 | 69.4 | 69.9 | 69.9 | 69.9 | 70.3 |
| GE 5000 | 4.6 | 43.8 | 52.1 | 57.5 | 63.0 | 64.8 | 70.3 | 70.8 | 71.7 | 72.6 | 72.6 | 72.6 | 73.1 | 73.1 | 73.1 | 73.5 |
| GE 4500 | 4.6 | 45.2 | 53.9 | 59.4 | 64.8 | 66.7 | 72.1 | 72.6 | 73.5 | 74.4 | 74.4 | 74.4 | 74.9 | 74.9 | 74.9 | 75.3 |
| GE 4000 | 4.6 | 45.7 | 54.3 | 59.8 | 65.3 | 67.1 | 72.6 | 73.5 | 74.9 | 75.8 | 75.8 | 75.8 | 76.3 | 76.3 | 76.3 | 76.7 |
| GE 3500 | 4.6 | 47.0 | 55.7 | 61.2 | 66.7 | 68.9 | 74.4 | 75.3 | 76.7 | 77.6 | 77.6 | 77.6 | 78.1 | 78.1 | 78.1 | 78.5 |
| GE 3000 | 4.6 | 47.0 | 56.2 | 61.6 | 67.1 | 69.4 | 74.9 | 75.8 | 77.6 | 78.5 | 78.5 | 78.5 | 79.0 | 79.0 | 79.0 | 79.5 |
| GE 2500 | 4.6 | 47.9 | 57.5 | 63.0 | 68.5 | 70.8 | 76.3 | 77.2 | 79.0 | 79.9 | 79.9 | 79.9 | 80.4 | 80.4 | 80.4 | 80.8 |
| GE 2000 | 4.6 | 48.9 | 58.4 | 64.4 | 69.9 | 72.1 | 77.6 | 78.5 | 80.4 | 81.3 | 81.3 | 81.3 | 81.7 | 81.7 | 81.7 | 82.2 |
| GE 1800 | 4.6 | 49.8 | 59.4 | 65.3 | 70.8 | 73.1 | 78.5 | 79.5 | 81.3 | 82.2 | 82.2 | 82.2 | 82.6 | 82.6 | 82.6 | 83.1 |
| GE 1500 | 4.6 | 51.6 | 62.6 | 69.4 | 75.3 | 77.6 | 83.1 | 84.0 | 85.8 | 86.8 | 86.8 | 86.8 | 87.2 | 87.2 | 87.2 | 87.7 |
| GE 1200 | 4.6 | 54.3 | 65.8 | 72.6 | 78.5 | 80.8 | 86.3 | 87.2 | 89.0 | 90.0 | 90.0 | 90.0 | 90.4 | 90.4 | 90.4 | 90.9 |
| GE 1000 | 4.6 | 54.8 | 66.2 | 73.5 | 79.5 | 81.7 | 87.2 | 88.1 | 90.0 | 90.9 | 90.9 | 90.9 | 91.3 | 91.3 | 91.3 | 91.8 |
| GE 900 | 4.6 | 55.3 | 66.7 | 74.4 | 80.4 | 82.6 | 88.1 | 89.0 | 90.9 | 91.8 | 91.8 | 91.8 | 92.2 | 92.2 | 92.2 | 92.7 |
| GE 800 | 5.0 | 55.7 | 67.1 | 74.9 | 80.8 | 83.1 | 88.6 | 90.0 | 91.8 | 92.7 | 92.7 | 92.7 | 93.2 | 93.2 | 93.2 | 93.6 |
| GE 700 | 5.0 | 55.7 | 67.1 | 74.9 | 81.3 | 83.6 | 89.0 | 90.4 | 92.7 | 93.6 | 93.6 | 93.6 | 94.1 | 94.1 | 94.1 | 94.5 |
| GE 600 | 5.0 | 56.2 | 67.6 | 75.3 | 81.7 | 84.0 | 90.4 | 91.8 | 94.1 | 95.4 | 95.4 | 95.4 | 95.9 | 95.9 | 95.9 | 96.3 |
| GE 500 | 5.0 | 56.2 | 67.6 | 75.3 | 81.7 | 84.0 | 90.4 | 91.8 | 94.1 | 95.4 | 95.4 | 95.4 | 95.9 | 95.9 | 95.9 | 96.3 |
| GE 400 | 5.0 | 56.2 | 67.6 | 75.8 | 82.2 | 84.5 | 90.9 | 93.2 | 95.9 | 97.3 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 98.2 |
| GE 300 | 5.0 | 56.2 | 67.6 | 75.8 | 82.2 | 84.5 | 90.9 | 93.2 | 95.9 | 97.3 | 97.7 | 97.7 | 98.2 | 98.2 | 98.2 | 98.6 |
| GE 200 | 5.0 | 56.2 | 67.6 | 75.8 | 82.2 | 84.5 | 90.9 | 93.2 | 95.9 | 97.3 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 100.0 |
| GE 100 | 5.0 | 56.2 | 67.6 | 75.8 | 82.2 | 84.5 | 90.9 | 93.2 | 95.9 | 97.3 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 100.0 |
| GE 0 | 5.0 | 56.2 | 67.6 | 75.8 | 82.2 | 84.5 | 90.9 | 93.2 | 95.9 | 97.3 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 219

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 5.5 | 36.9 | 42.3 | 47.3 | 50.4 | 51.6 | 52.6 | 52.9 | 53.2 | 53.2 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.7 |
| GE 20000 | 5.5 | 41.6 | 47.5 | 53.3 | 57.1 | 58.4 | 59.5 | 59.8 | 60.1 | 60.1 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.5 |
| GE 18000 | 5.5 | 41.8 | 47.7 | 53.5 | 57.3 | 58.6 | 59.7 | 60.0 | 60.3 | 60.3 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.8 |
| GE 16000 | 5.5 | 41.8 | 47.7 | 53.5 | 57.3 | 58.6 | 59.7 | 60.0 | 60.3 | 60.3 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.8 |
| GE 14000 | 5.6 | 42.4 | 48.3 | 54.1 | 57.8 | 59.1 | 60.2 | 60.5 | 60.9 | 60.9 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.3 |
| GE 12000 | 5.6 | 43.1 | 49.1 | 55.1 | 59.0 | 60.3 | 61.4 | 61.7 | 62.0 | 62.0 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.5 |
| GE 10000 | 5.6 | 44.5 | 51.0 | 57.0 | 61.1 | 62.4 | 63.4 | 63.8 | 64.1 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.5 |
| GE 9000 | 5.7 | 45.2 | 51.7 | 57.7 | 61.8 | 63.1 | 64.2 | 64.5 | 64.8 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.3 |
| GE 8000 | 5.7 | 48.5 | 55.4 | 62.2 | 66.3 | 67.6 | 68.9 | 69.2 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 70.0 |
| GE 7000 | 6.0 | 49.8 | 56.8 | 63.5 | 67.8 | 69.1 | 70.4 | 70.9 | 71.2 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.6 |
| GE 6000 | 6.3 | 50.4 | 57.5 | 64.4 | 68.7 | 70.0 | 71.3 | 71.7 | 72.0 | 72.0 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.5 |
| GE 5000 | 6.3 | 52.7 | 60.0 | 66.9 | 71.4 | 72.7 | 74.0 | 74.4 | 74.7 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.2 |
| GE 4500 | 6.3 | 53.2 | 60.5 | 67.4 | 72.2 | 73.5 | 74.8 | 75.3 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 76.0 |
| GE 4000 | 6.3 | 53.9 | 61.3 | 68.3 | 73.0 | 74.5 | 75.9 | 76.5 | 76.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.2 |
| GE 3500 | 6.3 | 54.7 | 62.2 | 69.2 | 74.0 | 75.7 | 77.1 | 77.6 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.5 |
| GE 3000 | 6.3 | 55.9 | 63.3 | 70.4 | 75.2 | 77.0 | 78.4 | 78.9 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.8 |
| GE 2500 | 6.3 | 56.6 | 64.4 | 72.0 | 76.8 | 78.6 | 80.0 | 80.5 | 81.0 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.4 |
| GE 2000 | 6.5 | 58.7 | 66.7 | 74.3 | 79.1 | 81.0 | 82.4 | 82.9 | 83.3 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.8 |
| GE 1800 | 6.6 | 59.5 | 67.5 | 75.2 | 80.0 | 81.9 | 83.3 | 83.9 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.7 |
| GE 1500 | 6.6 | 60.6 | 69.5 | 77.2 | 82.3 | 84.3 | 85.7 | 86.3 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.2 |
| GE 1200 | 6.8 | 62.4 | 72.3 | 80.0 | 85.1 | 87.1 | 88.6 | 89.2 | 89.7 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.1 |
| GE 1000 | 6.8 | 64.6 | 73.7 | 81.6 | 86.8 | 88.8 | 90.4 | 91.1 | 91.5 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.0 |
| GE 900 | 6.9 | 65.3 | 74.4 | 82.4 | 87.7 | 89.8 | 91.4 | 92.0 | 92.7 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.3 |
| GE 800 | 6.9 | 65.4 | 74.9 | 82.9 | 88.5 | 90.6 | 92.5 | 93.2 | 93.9 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.5 |
| GE 700 | 6.9 | 65.5 | 75.2 | 83.1 | 88.8 | 91.0 | 93.1 | 93.9 | 94.5 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.4 |
| GE 600 | 6.9 | 65.6 | 75.4 | 83.4 | 89.4 | 91.5 | 93.8 | 94.5 | 95.3 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.2 |
| GE 500 | 6.9 | 65.7 | 75.9 | 84.0 | 89.9 | 92.0 | 94.5 | 95.4 | 96.1 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.2 |
| GE 400 | 6.9 | 65.8 | 76.0 | 84.1 | 90.0 | 92.2 | 94.8 | 95.9 | 96.7 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.8 |
| GE 300 | 6.9 | 65.8 | 76.0 | 84.1 | 90.0 | 92.2 | 94.9 | 96.0 | 96.8 | 97.6 | 98.3 | 98.3 | 98.4 | 98.5 | 98.7 | 99.1 |
| GE 200 | 6.9 | 65.8 | 76.0 | 84.1 | 90.0 | 92.2 | 94.9 | 96.0 | 96.8 | 97.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.4 | 99.8 |
| GE 100 | 6.9 | 65.8 | 76.0 | 84.1 | 90.0 | 92.2 | 94.9 | 96.0 | 96.8 | 97.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.5 | 100.0 |
| GE 0 | 6.9 | 65.8 | 76.0 | 84.1 | 90.0 | 92.2 | 94.9 | 96.0 | 96.8 | 97.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 9.9 | 51.7 | 54.2 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| GE 20000 | 10.6 | 57.4 | 60.6 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 18000 | 10.6 | 57.4 | 60.6 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 16000 | 10.6 | 57.4 | 60.6 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 14000 | 10.6 | 57.5 | 60.8 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| GE 12000 | 10.6 | 59.1 | 62.5 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| GE 10000 | 11.2 | 61.9 | 65.3 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| GE 9000 | 11.5 | 63.3 | 66.7 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| GE 8000 | 11.8 | 66.2 | 69.6 | 71.5 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| GE 7000 | 12.0 | 67.3 | 70.6 | 72.9 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 6000 | 12.0 | 68.3 | 71.7 | 74.1 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| GE 5000 | 12.0 | 70.4 | 74.0 | 76.3 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| GE 4500 | 12.0 | 70.9 | 74.4 | 77.0 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| GE 4000 | 12.0 | 72.8 | 76.5 | 79.2 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| GE 3500 | 12.2 | 74.7 | 78.6 | 81.5 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| GE 3000 | 12.4 | 78.9 | 82.8 | 85.7 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 2500 | 12.9 | 80.5 | 84.4 | 87.5 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 2000 | 13.3 | 83.5 | 87.5 | 90.8 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 1800 | 13.3 | 84.0 | 88.0 | 91.2 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 1500 | 13.5 | 86.5 | 90.4 | 93.9 | 94.6 | 94.7 | 94.7 | 94.7 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 1200 | 13.9 | 87.7 | 92.0 | 95.6 | 96.5 | 96.6 | 96.6 | 96.6 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 1000 | 14.0 | 88.4 | 92.9 | 96.5 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 900 | 14.0 | 88.7 | 93.3 | 96.9 | 98.4 | 98.5 | 98.6 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 800 | 14.0 | 88.7 | 93.3 | 96.9 | 98.4 | 98.5 | 98.6 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 700 | 14.0 | 88.7 | 93.3 | 96.9 | 98.4 | 98.5 | 98.6 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 600 | 14.0 | 88.7 | 93.3 | 96.9 | 98.5 | 98.6 | 98.3 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 500 | 14.0 | 88.7 | 93.3 | 96.9 | 98.6 | 98.7 | 98.9 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | 14.0 | 88.7 | 93.3 | 96.9 | 98.6 | 98.7 | 98.9 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 300 | 14.0 | 88.7 | 93.3 | 96.9 | 98.6 | 98.7 | 98.9 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 200 | 14.0 | 88.7 | 93.3 | 96.9 | 98.6 | 98.7 | 98.9 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 100 | 14.0 | 88.7 | 93.3 | 96.9 | 98.6 | 98.7 | 98.9 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| GE 0 | 14.0 | 88.7 | 93.3 | 96.9 | 98.6 | 98.7 | 98.9 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 13.7 | 54.2 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| GE 20000 | 15.3 | 63.7 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| GE 18000 | 15.3 | 63.9 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 16000 | 15.3 | 63.9 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 14000 | 15.3 | 63.9 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 12000 | 16.0 | 65.6 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 10000 | 16.7 | 68.7 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 |
| GE 9000 | 16.7 | 69.9 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 |
| GE 8000 | 16.9 | 73.0 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 7000 | 17.0 | 73.7 | 74.7 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE 6000 | 17.0 | 74.7 | 75.8 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 5000 | 17.4 | 77.7 | 78.9 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 4500 | 17.7 | 79.1 | 80.3 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 4000 | 18.0 | 82.8 | 84.2 | 84.7 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 3500 | 18.6 | 86.7 | 88.5 | 89.0 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 |
| GE 3000 | 19.5 | 90.5 | 92.7 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 2500 | 19.8 | 92.0 | 94.3 | 94.8 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 2000 | 20.0 | 93.2 | 95.6 | 96.2 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 1800 | 20.0 | 93.4 | 95.8 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 1500 | 20.2 | 94.5 | 97.0 | 97.6 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 1200 | 20.3 | 94.8 | 97.5 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1000 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 900 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 800 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 700 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 600 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 20.3 | 95.1 | 97.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 15.6 | 54.7 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| GE 20000 | 18.2 | 67.3 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| GE 18000 | 18.3 | 67.4 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 16000 | 19.3 | 67.4 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 14000 | 18.8 | 68.5 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| GE 12000 | 19.1 | 70.5 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| GE 10000 | 20.0 | 75.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 9000 | 20.1 | 75.5 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE 8000 | 20.8 | 79.9 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| GE 7000 | 21.1 | 81.2 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 6000 | 21.1 | 81.5 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 5000 | 21.4 | 84.5 | 86.5 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 4500 | 21.4 | 85.8 | 87.7 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 4000 | 22.0 | 88.5 | 90.8 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 3500 | 22.6 | 91.3 | 94.0 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 3000 | 23.0 | 93.1 | 95.8 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 2500 | 23.4 | 94.1 | 96.8 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 2000 | 23.7 | 95.3 | 98.0 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1800 | 23.7 | 95.3 | 98.0 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 1500 | 23.8 | 95.5 | 98.2 | 98.5 | 98.7 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1200 | 23.8 | 95.5 | 98.2 | 98.5 | 98.7 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1000 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 23.8 | 95.5 | 98.4 | 98.7 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 15.3 | 58.4 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| GE 20000 | 16.6 | 70.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| GE 18000 | 17.0 | 71.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| GE 16000 | 17.0 | 71.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| GE 14000 | 17.6 | 72.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| GE 12000 | 18.0 | 74.4 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| GE 10000 | 18.6 | 78.5 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| GE 9000 | 18.8 | 78.7 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| GE 8000 | 19.9 | 84.2 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| GE 7000 | 19.9 | 84.5 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 6000 | 19.9 | 84.8 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 5000 | 20.2 | 87.2 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 4500 | 20.2 | 88.1 | 90.0 | 90.1 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 4000 | 20.5 | 90.6 | 92.5 | 92.6 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| GE 3500 | 20.6 | 92.1 | 94.0 | 94.1 | 94.3 | 94.3 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 3000 | 20.7 | 93.7 | 95.8 | 95.9 | 96.2 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 2500 | 20.9 | 94.3 | 96.5 | 96.7 | 97.1 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 2000 | 21.0 | 94.8 | 97.0 | 97.3 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 1800 | 21.1 | 95.2 | 97.4 | 97.7 | 98.0 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 1500 | 21.1 | 95.5 | 97.9 | 98.3 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1200 | 21.1 | 95.5 | 97.9 | 98.3 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1000 | 21.1 | 95.6 | 98.2 | 98.5 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 900 | 21.2 | 95.8 | 98.3 | 98.6 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | 21.2 | 95.9 | 98.4 | 98.7 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | 21.2 | 95.9 | 98.4 | 98.7 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 21.2 | 95.9 | 98.4 | 98.7 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 21.2 | 95.9 | 98.4 | 98.7 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 21.2 | 95.9 | 98.4 | 98.7 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 21.2 | 95.9 | 98.4 | 98.7 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 21.2 | 95.9 | 98.4 | 98.7 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 21.2 | 95.9 | 98.4 | 98.7 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 21.2 | 95.9 | 98.4 | 98.7 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 919

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 16.9 | 67.9 | 68.9 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| GE 20000 | 17.8 | 75.8 | 76.9 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| GE 18000 | 18.0 | 76.6 | 77.7 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| GE 16000 | 18.0 | 76.6 | 77.7 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| GE 14000 | 18.0 | 77.4 | 78.6 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| GE 12000 | 18.2 | 77.9 | 79.1 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| GE 10000 | 18.3 | 81.2 | 82.5 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| GE 9000 | 18.3 | 81.2 | 82.5 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| GE 8000 | 18.8 | 84.9 | 86.4 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 7000 | 19.3 | 85.6 | 87.1 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 6000 | 19.3 | 86.1 | 87.6 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 5000 | 19.6 | 87.9 | 89.4 | 89.5 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 4500 | 19.6 | 88.7 | 90.3 | 90.5 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE 4000 | 19.6 | 90.2 | 91.8 | 92.0 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 3500 | 20.0 | 92.3 | 93.9 | 94.1 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 3000 | 20.0 | 94.1 | 95.7 | 96.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 2500 | 20.0 | 94.6 | 96.4 | 96.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 2000 | 20.5 | 95.3 | 97.2 | 97.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 1800 | 20.5 | 95.6 | 97.5 | 97.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1500 | 20.5 | 96.1 | 98.4 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1200 | 20.5 | 96.1 | 98.4 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1000 | 20.5 | 96.1 | 98.4 | 98.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 20.5 | 96.2 | 98.5 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 20.5 | 96.2 | 98.5 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 20.5 | 96.2 | 98.5 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 20.5 | 96.2 | 98.5 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 20.5 | 96.2 | 98.5 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 20.5 | 96.2 | 98.5 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 20.5 | 96.2 | 98.5 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 20.5 | 96.2 | 98.5 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 20.5 | 96.2 | 98.5 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 20.5 | 96.2 | 98.5 | 99.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 611

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-76,78-84
MONTH: JUN HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 3.3 | 28.5 | 36.0 | 43.5 | 53.3 | 57.9 | 60.7 | 61.2 | 62.1 | 62.6 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| GE 20000 | 3.7 | 34.1 | 42.5 | 50.9 | 61.2 | 65.9 | 68.7 | 69.2 | 70.1 | 70.6 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 18000 | 3.7 | 34.1 | 42.5 | 50.9 | 61.2 | 65.9 | 68.7 | 69.2 | 70.1 | 70.6 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 16000 | 3.7 | 34.1 | 42.5 | 50.9 | 61.2 | 65.9 | 68.7 | 69.2 | 70.1 | 70.6 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 14000 | 3.7 | 34.1 | 42.5 | 50.9 | 61.2 | 65.9 | 68.7 | 69.2 | 70.1 | 70.6 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 12000 | 3.7 | 35.0 | 44.4 | 52.8 | 63.1 | 67.8 | 70.6 | 71.0 | 72.0 | 72.4 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE 10000 | 3.7 | 36.0 | 45.8 | 54.7 | 66.8 | 72.0 | 75.2 | 75.7 | 76.6 | 77.1 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| GE 9000 | 3.7 | 36.0 | 45.8 | 54.7 | 66.8 | 72.0 | 75.2 | 75.7 | 76.6 | 77.1 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| GE 8000 | 3.7 | 37.9 | 48.1 | 57.5 | 69.6 | 74.8 | 78.0 | 78.5 | 79.4 | 79.9 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| GE 7000 | 3.7 | 37.9 | 48.1 | 57.5 | 69.6 | 74.8 | 78.0 | 78.5 | 79.4 | 79.9 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| GE 6000 | 3.7 | 38.3 | 49.1 | 58.4 | 70.6 | 75.7 | 79.0 | 79.4 | 80.4 | 80.8 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| GE 5000 | 3.7 | 41.1 | 51.9 | 61.7 | 73.8 | 79.0 | 82.2 | 82.7 | 83.6 | 84.1 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 4500 | 4.2 | 42.5 | 53.3 | 63.1 | 75.2 | 80.4 | 83.6 | 84.1 | 85.0 | 85.5 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| GE 4000 | 4.2 | 42.5 | 53.3 | 63.1 | 75.2 | 80.4 | 83.6 | 84.1 | 85.0 | 85.5 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| GE 3500 | 4.2 | 42.5 | 53.3 | 63.1 | 75.2 | 80.4 | 83.6 | 84.1 | 85.0 | 85.5 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| GE 3000 | 4.2 | 42.5 | 53.3 | 63.1 | 75.7 | 80.8 | 84.1 | 84.6 | 85.5 | 86.0 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 2500 | 4.2 | 43.0 | 54.2 | 64.0 | 76.6 | 81.8 | 85.0 | 85.5 | 86.4 | 86.9 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 2000 | 4.2 | 43.5 | 54.7 | 64.5 | 77.1 | 82.2 | 85.5 | 86.4 | 87.4 | 87.9 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 1800 | 4.2 | 43.9 | 55.1 | 65.0 | 77.6 | 82.7 | 86.0 | 86.9 | 87.9 | 88.3 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 1500 | 4.2 | 44.4 | 56.1 | 65.9 | 78.5 | 83.6 | 87.4 | 88.3 | 89.3 | 89.7 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 1200 | 4.2 | 45.3 | 57.0 | 66.8 | 79.4 | 84.6 | 88.3 | 89.3 | 90.2 | 90.7 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 1000 | 4.2 | 45.8 | 57.5 | 67.8 | 80.4 | 85.5 | 89.3 | 90.2 | 91.1 | 91.6 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 900 | 4.2 | 46.7 | 58.4 | 68.7 | 81.3 | 86.4 | 90.2 | 91.1 | 92.1 | 92.5 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 800 | 4.2 | 47.2 | 59.3 | 69.6 | 82.2 | 87.4 | 91.1 | 92.1 | 93.0 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 700 | 4.2 | 47.7 | 59.8 | 70.1 | 82.7 | 87.9 | 91.6 | 92.5 | 93.5 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 600 | 4.2 | 48.1 | 60.7 | 71.0 | 84.6 | 89.7 | 93.9 | 94.9 | 95.8 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 500 | 4.2 | 48.1 | 60.7 | 71.0 | 85.0 | 90.2 | 94.4 | 95.3 | 96.3 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 400 | 4.2 | 48.1 | 61.2 | 71.5 | 86.0 | 91.1 | 95.3 | 96.3 | 97.2 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 300 | 4.2 | 48.1 | 61.2 | 71.5 | 86.0 | 91.1 | 95.3 | 96.3 | 97.2 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 200 | 4.2 | 48.1 | 61.2 | 71.5 | 86.0 | 91.1 | 95.8 | 96.7 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 |
| GE 100 | 4.2 | 48.1 | 61.2 | 71.5 | 86.0 | 91.1 | 95.8 | 96.7 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 100.0 |
| GE 0 | 4.2 | 48.1 | 61.2 | 71.5 | 86.0 | 91.1 | 95.8 | 96.7 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 5.3 | 40.9 | 48.1 | 53.2 | 57.7 | 59.5 | 60.9 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 20000 | 5.4 | 44.4 | 53.0 | 58.5 | 63.2 | 65.2 | 66.7 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 18000 | 5.4 | 44.4 | 53.1 | 58.6 | 63.3 | 65.3 | 66.8 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 16000 | 5.4 | 44.4 | 53.1 | 58.6 | 63.3 | 65.3 | 66.8 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 14000 | 5.4 | 44.6 | 53.2 | 58.7 | 63.4 | 65.4 | 66.9 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| GE 12000 | 5.4 | 46.9 | 56.1 | 61.7 | 66.4 | 68.5 | 69.9 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 10000 | 5.4 | 50.1 | 59.7 | 65.4 | 70.4 | 72.5 | 74.0 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| GE 9000 | 5.4 | 50.5 | 60.3 | 66.0 | 70.9 | 73.1 | 74.5 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| GE 8000 | 5.4 | 53.1 | 63.9 | 69.8 | 74.9 | 77.0 | 78.5 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| GE 7000 | 5.4 | 53.6 | 64.4 | 70.4 | 75.4 | 77.7 | 79.1 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| GE 6000 | 5.4 | 54.0 | 64.8 | 70.7 | 75.8 | 78.0 | 79.5 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 5000 | 5.4 | 56.0 | 67.0 | 73.0 | 78.1 | 80.4 | 81.8 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| GE 4500 | 5.4 | 56.6 | 67.7 | 73.7 | 78.9 | 81.3 | 82.7 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 4000 | 5.4 | 56.8 | 67.9 | 74.0 | 79.1 | 81.5 | 82.9 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 3500 | 5.4 | 57.1 | 68.2 | 74.3 | 79.5 | 81.8 | 83.3 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE 3000 | 5.4 | 57.9 | 69.1 | 75.2 | 80.5 | 82.8 | 84.3 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| GE 2500 | 5.4 | 58.5 | 69.9 | 76.0 | 81.3 | 83.6 | 85.1 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 2000 | 5.4 | 59.7 | 71.2 | 77.2 | 82.6 | 85.0 | 86.5 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 1800 | 5.4 | 59.9 | 71.4 | 77.4 | 82.8 | 85.2 | 86.8 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 1500 | 5.4 | 61.5 | 73.2 | 79.3 | 84.8 | 87.2 | 89.1 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 1200 | 5.4 | 62.7 | 74.5 | 81.0 | 86.5 | 88.9 | 90.8 | 91.1 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 1000 | 5.4 | 64.0 | 75.9 | 82.6 | 88.4 | 90.8 | 93.0 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 900 | 5.5 | 64.9 | 77.1 | 83.8 | 89.7 | 92.0 | 94.3 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 800 | 5.5 | 65.4 | 78.0 | 84.7 | 90.6 | 92.9 | 95.2 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 700 | 5.5 | 65.7 | 78.3 | 85.3 | 91.1 | 93.5 | 95.7 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 600 | 5.6 | 66.6 | 79.6 | 86.6 | 92.5 | 94.8 | 97.1 | 97.5 | 97.5 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 500 | 5.6 | 66.7 | 80.2 | 87.3 | 93.2 | 95.6 | 98.0 | 98.4 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 400 | 5.6 | 66.7 | 80.2 | 87.4 | 93.3 | 96.0 | 98.5 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 300 | 5.6 | 66.7 | 80.2 | 87.5 | 93.4 | 96.1 | 98.7 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 200 | 5.6 | 66.7 | 80.2 | 87.5 | 93.4 | 96.1 | 98.7 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 |
| GE 100 | 5.6 | 66.7 | 80.2 | 87.5 | 93.4 | 96.1 | 98.7 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| GE 0 | 5.6 | 66.7 | 80.2 | 87.5 | 93.4 | 96.1 | 98.7 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 9.5 | 57.9 | 60.6 | 62.6 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| GE 20000 | 10.1 | 63.0 | 66.0 | 68.1 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| GE 18000 | 10.1 | 63.1 | 66.3 | 68.5 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| GE 16000 | 10.1 | 63.5 | 66.8 | 68.9 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 14000 | 10.1 | 63.9 | 67.1 | 69.2 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| GE 12000 | 10.7 | 66.3 | 69.6 | 71.7 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 10000 | 10.8 | 71.0 | 74.4 | 76.5 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| GE 9000 | 11.0 | 71.7 | 75.1 | 77.2 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| GE 8000 | 11.3 | 73.8 | 77.6 | 79.7 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 7000 | 11.3 | 74.3 | 78.0 | 80.1 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| GE 6000 | 11.6 | 74.5 | 78.2 | 80.4 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| GE 5000 | 11.7 | 76.5 | 80.2 | 82.4 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| GE 4500 | 11.7 | 76.9 | 80.6 | 82.7 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| GE 4000 | 11.8 | 77.3 | 81.0 | 83.2 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 3500 | 11.8 | 78.8 | 82.5 | 85.0 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 3000 | 11.8 | 82.2 | 86.0 | 88.4 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 2500 | 11.8 | 83.1 | 87.1 | 89.6 | 91.1 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 2000 | 11.8 | 84.5 | 88.9 | 91.4 | 93.0 | 93.3 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 1800 | 11.8 | 85.1 | 89.5 | 91.9 | 93.6 | 93.9 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 1500 | 11.8 | 86.9 | 91.5 | 93.9 | 95.7 | 96.1 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 1200 | 11.9 | 88.0 | 92.6 | 95.4 | 97.2 | 97.5 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 1000 | 11.9 | 89.0 | 93.9 | 96.7 | 98.7 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 900 | 11.9 | 89.2 | 94.2 | 97.0 | 99.0 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | 11.9 | 89.2 | 94.2 | 97.0 | 99.0 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 700 | 11.9 | 89.2 | 94.2 | 97.0 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | 11.9 | 89.2 | 94.2 | 97.0 | 99.1 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 11.9 | 89.2 | 94.3 | 97.1 | 99.2 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 11.9 | 89.2 | 94.3 | 97.1 | 99.2 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 11.9 | 89.2 | 94.3 | 97.1 | 99.2 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 11.9 | 89.2 | 94.3 | 97.1 | 99.2 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 11.9 | 89.2 | 94.3 | 97.1 | 99.2 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 11.9 | 89.2 | 94.3 | 97.1 | 99.2 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 11.1 | 58.4 | 59.4 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 20000 | 13.1 | 69.1 | 70.5 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 18000 | 13.1 | 69.4 | 70.7 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| GE 16000 | 13.1 | 69.5 | 70.8 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 14000 | 13.1 | 70.1 | 71.5 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE 12000 | 13.8 | 71.9 | 73.3 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| GE 10000 | 14.6 | 75.8 | 77.2 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 9000 | 14.6 | 76.3 | 77.8 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 8000 | 14.7 | 78.3 | 80.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| GE 7000 | 14.8 | 79.1 | 81.0 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 6000 | 14.8 | 79.2 | 81.4 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 5000 | 14.8 | 80.6 | 82.7 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 4500 | 14.8 | 81.5 | 83.6 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 4000 | 15.2 | 83.7 | 86.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 3500 | 15.5 | 86.5 | 88.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 3000 | 15.8 | 93.2 | 95.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 |
| GE 2500 | 15.8 | 93.7 | 96.2 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.7 |
| GE 2000 | 15.8 | 94.3 | 96.9 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| GE 1800 | 15.8 | 94.3 | 96.9 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| GE 1500 | 15.8 | 94.4 | 97.0 | 99.0 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| GE 1200 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 1000 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 900 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 800 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 700 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 600 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 500 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 400 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 300 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 200 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 100 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | 15.8 | 94.6 | 97.2 | 99.2 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 12.1 | 58.4 | 60.0 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| GE 20000 | 15.6 | 74.1 | 75.9 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| GE 18000 | 15.6 | 74.3 | 76.1 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| GE 16000 | 15.6 | 74.3 | 76.1 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| GE 14000 | 15.8 | 75.1 | 76.9 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| GE 12000 | 16.3 | 76.2 | 78.0 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 10000 | 17.3 | 80.2 | 82.0 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 9000 | 17.3 | 81.1 | 82.9 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| GE 8000 | 17.7 | 83.3 | 85.1 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 7000 | 17.7 | 83.4 | 85.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 6000 | 17.7 | 83.5 | 85.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE 5000 | 17.7 | 85.2 | 87.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 4500 | 17.7 | 85.6 | 87.4 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 4000 | 18.2 | 88.7 | 90.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 3500 | 18.2 | 90.2 | 92.6 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 3000 | 18.2 | 93.7 | 96.3 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 |
| GE 2500 | 18.2 | 94.1 | 96.6 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| GE 2000 | 18.2 | 94.3 | 96.9 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| GE 1800 | 18.2 | 94.3 | 96.9 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| GE 1500 | 18.2 | 94.5 | 97.2 | 98.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 1200 | 18.3 | 94.6 | 97.3 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| GE 1000 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 900 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 800 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 700 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 600 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 500 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 400 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 300 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 200 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 100 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 0 | 18.4 | 94.7 | 97.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 12.1 | 59.7 | 61.4 | 62.9 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| GE 20000 | 15.2 | 75.2 | 76.9 | 78.3 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| GE 18000 | 15.2 | 76.0 | 77.7 | 79.1 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| GE 16000 | 15.2 | 76.0 | 77.7 | 79.1 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| GE 14000 | 15.4 | 77.3 | 79.0 | 80.5 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| GE 12000 | 15.7 | 79.3 | 81.3 | 82.7 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| GE 10000 | 16.6 | 84.0 | 86.0 | 87.4 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 9000 | 16.6 | 84.7 | 86.8 | 88.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 8000 | 16.9 | 87.5 | 89.6 | 91.0 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 7000 | 16.9 | 87.7 | 89.7 | 91.1 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 6000 | 16.9 | 87.8 | 89.9 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 5000 | 16.9 | 89.3 | 91.5 | 92.9 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 4500 | 16.9 | 90.9 | 93.2 | 94.6 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 4000 | 17.2 | 92.3 | 94.5 | 96.3 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 3500 | 17.2 | 93.0 | 95.4 | 97.2 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 3000 | 17.2 | 94.5 | 97.0 | 98.8 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2500 | 17.2 | 94.5 | 97.0 | 98.8 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2000 | 17.2 | 94.6 | 97.1 | 98.9 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1800 | 17.2 | 94.6 | 97.1 | 98.9 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1500 | 17.2 | 94.7 | 97.2 | 99.0 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1200 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 17.2 | 94.7 | 97.2 | 99.1 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 13.4 | 67.0 | 69.0 | 70.2 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| GE 20000 | 15.1 | 81.2 | 83.6 | 84.9 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 18000 | 15.1 | 81.4 | 83.8 | 85.1 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 16000 | 15.1 | 81.4 | 83.8 | 85.1 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 14000 | 15.2 | 82.1 | 84.4 | 85.8 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 12000 | 15.6 | 83.4 | 85.8 | 87.1 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 10000 | 16.1 | 85.8 | 88.6 | 89.9 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 9000 | 16.1 | 86.4 | 89.3 | 90.6 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| GE 8000 | 16.1 | 87.6 | 90.5 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 7000 | 16.1 | 87.8 | 90.6 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 6000 | 16.1 | 87.8 | 90.6 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 5000 | 16.2 | 88.6 | 91.6 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 4500 | 16.6 | 90.1 | 93.1 | 94.6 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 4000 | 16.9 | 92.0 | 95.0 | 96.5 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 3500 | 16.9 | 92.8 | 96.1 | 97.7 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 3000 | 17.1 | 94.0 | 97.3 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 2500 | 17.1 | 94.0 | 97.3 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 2000 | 17.1 | 94.0 | 97.3 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 1800 | 17.1 | 94.0 | 97.3 | 98.8 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 1500 | 17.1 | 94.1 | 97.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1200 | 17.3 | 94.5 | 97.8 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 17.3 | 94.5 | 97.8 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 900 | 17.3 | 94.5 | 97.8 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 800 | 17.3 | 94.5 | 97.8 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | 17.3 | 94.5 | 97.8 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | 17.3 | 94.6 | 98.0 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 17.3 | 94.6 | 98.0 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 17.3 | 94.6 | 98.0 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 17.3 | 94.6 | 98.0 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 17.3 | 94.6 | 98.0 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 17.3 | 94.6 | 98.0 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 17.3 | 94.6 | 98.0 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 597

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 77-84
MONTH: JUL HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 1.8 | 22.0 | 32.6 | 41.7 | 50.9 | 54.6 | 58.7 | 59.2 | 59.6 | 60.1 | 61.0 | 61.5 | 61.9 | 61.9 | 61.9 | 61.9 |
| GE 20000 | 1.8 | 24.8 | 35.8 | 45.9 | 55.5 | 59.6 | 63.8 | 64.2 | 65.1 | 65.6 | 66.5 | 67.0 | 67.4 | 67.4 | 67.4 | 67.4 |
| GE 18000 | 2.3 | 25.2 | 36.2 | 46.3 | 56.0 | 60.1 | 64.2 | 64.7 | 65.6 | 66.1 | 67.0 | 67.4 | 67.9 | 67.9 | 67.9 | 67.9 |
| GE 16000 | 2.3 | 25.2 | 36.7 | 46.8 | 56.4 | 60.6 | 64.7 | 65.1 | 66.1 | 66.5 | 67.4 | 67.9 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 14000 | 2.3 | 25.2 | 37.2 | 47.2 | 56.9 | 61.0 | 65.1 | 65.6 | 66.5 | 67.0 | 67.9 | 68.3 | 68.8 | 68.8 | 68.8 | 68.8 |
| GE 12000 | 2.3 | 27.1 | 39.4 | 49.5 | 59.2 | 63.3 | 67.9 | 68.3 | 69.3 | 69.7 | 70.6 | 71.1 | 71.6 | 71.6 | 71.6 | 71.6 |
| GE 10000 | 2.3 | 28.0 | 40.8 | 50.9 | 61.0 | 65.1 | 69.7 | 70.2 | 71.1 | 71.6 | 72.5 | 72.9 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE 9000 | 2.3 | 28.0 | 40.8 | 50.9 | 61.0 | 65.1 | 69.7 | 70.2 | 71.1 | 71.6 | 72.5 | 72.9 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE 8000 | 2.3 | 30.7 | 44.0 | 55.0 | 65.1 | 69.7 | 74.3 | 74.8 | 75.7 | 76.1 | 77.1 | 77.5 | 78.0 | 78.0 | 78.0 | 78.0 |
| GE 7000 | 2.3 | 31.2 | 44.5 | 56.4 | 66.5 | 71.1 | 75.7 | 76.1 | 77.1 | 77.5 | 78.4 | 78.9 | 79.4 | 79.4 | 79.4 | 79.4 |
| GE 6000 | 2.3 | 31.2 | 44.5 | 56.9 | 67.0 | 71.6 | 76.1 | 76.6 | 77.5 | 78.0 | 78.9 | 79.4 | 79.8 | 79.8 | 79.8 | 79.8 |
| GE 5000 | 2.3 | 31.7 | 45.0 | 57.3 | 67.9 | 72.5 | 77.1 | 77.5 | 78.4 | 78.9 | 79.8 | 80.3 | 80.7 | 80.7 | 80.7 | 80.7 |
| GE 4500 | 2.3 | 31.7 | 45.0 | 57.3 | 67.9 | 72.5 | 77.1 | 77.5 | 78.4 | 78.9 | 79.8 | 80.3 | 80.7 | 80.7 | 80.7 | 80.7 |
| GE 4000 | 2.3 | 32.1 | 45.9 | 58.3 | 68.8 | 73.4 | 78.0 | 78.9 | 79.8 | 80.3 | 81.2 | 81.7 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 3500 | 2.3 | 32.6 | 46.8 | 59.2 | 69.7 | 74.3 | 78.9 | 79.8 | 80.7 | 81.2 | 82.1 | 82.6 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 3000 | 2.3 | 32.6 | 47.2 | 59.6 | 71.1 | 75.7 | 80.3 | 81.2 | 82.1 | 82.6 | 83.5 | 83.9 | 84.4 | 84.4 | 84.4 | 84.4 |
| GE 2500 | 2.3 | 32.6 | 47.2 | 59.6 | 71.1 | 75.7 | 80.3 | 81.2 | 82.1 | 82.6 | 83.5 | 83.9 | 84.4 | 84.4 | 84.4 | 84.4 |
| GE 2000 | 2.8 | 33.9 | 48.6 | 61.0 | 72.9 | 77.5 | 82.1 | 83.0 | 83.9 | 84.4 | 85.3 | 85.8 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 1800 | 2.8 | 33.9 | 48.6 | 61.0 | 72.9 | 77.5 | 82.1 | 83.0 | 83.9 | 84.4 | 85.3 | 85.8 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 1500 | 3.7 | 35.8 | 50.5 | 63.8 | 76.1 | 81.2 | 85.8 | 86.7 | 87.6 | 88.1 | 89.0 | 89.4 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 1200 | 3.7 | 35.8 | 50.5 | 63.8 | 76.1 | 81.2 | 85.8 | 86.7 | 87.6 | 88.1 | 89.0 | 89.4 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 1000 | 3.7 | 35.8 | 50.5 | 64.2 | 77.1 | 82.1 | 87.2 | 88.1 | 89.4 | 89.9 | 90.8 | 91.3 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 900 | 3.7 | 36.2 | 51.4 | 66.1 | 78.9 | 83.9 | 89.4 | 90.4 | 91.7 | 92.2 | 93.1 | 93.6 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 800 | 3.7 | 37.2 | 52.3 | 67.0 | 79.8 | 84.9 | 90.4 | 91.3 | 92.7 | 93.1 | 94.0 | 94.5 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 700 | 3.7 | 37.2 | 52.3 | 67.0 | 80.7 | 85.8 | 91.3 | 92.2 | 93.6 | 94.0 | 95.0 | 95.4 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 600 | 3.7 | 38.1 | 53.2 | 67.9 | 81.7 | 87.2 | 92.7 | 93.6 | 95.0 | 95.4 | 96.3 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 500 | 3.7 | 38.1 | 53.2 | 68.3 | 82.6 | 88.1 | 93.6 | 94.5 | 95.9 | 96.3 | 97.2 | 97.7 | 98.2 | 98.6 | 98.6 | 98.6 |
| GE 400 | 3.7 | 38.1 | 53.2 | 68.3 | 82.6 | 88.1 | 93.6 | 94.5 | 96.3 | 96.8 | 97.7 | 98.2 | 98.6 | 99.1 | 99.1 | 99.1 |
| GE 300 | 3.7 | 38.1 | 53.2 | 68.3 | 82.6 | 88.1 | 93.6 | 94.5 | 96.3 | 96.8 | 97.7 | 98.2 | 98.6 | 99.1 | 99.5 | 99.5 |
| GE 200 | 3.7 | 38.1 | 53.2 | 68.3 | 82.6 | 88.1 | 93.6 | 94.5 | 96.3 | 96.8 | 97.7 | 98.2 | 98.6 | 99.1 | 99.5 | 99.5 |
| GE 100 | 3.7 | 38.1 | 53.2 | 68.3 | 82.6 | 88.1 | 93.6 | 94.5 | 96.3 | 96.8 | 97.7 | 98.2 | 98.6 | 99.1 | 99.5 | 100.0 |
| GE 0 | 3.7 | 38.1 | 53.2 | 68.3 | 82.6 | 88.1 | 93.6 | 94.5 | 96.3 | 96.8 | 97.7 | 98.2 | 98.6 | 99.1 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 218

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 2.4 | 30.4 | 40.9 | 46.8 | 52.2 | 53.9 | 56.0 | 56.7 | 56.8 | 57.3 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| GE 20000 | 2.5 | 33.9 | 45.5 | 51.9 | 57.6 | 59.5 | 61.8 | 62.6 | 62.7 | 63.2 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 18000 | 2.7 | 34.1 | 45.7 | 52.2 | 57.8 | 59.7 | 62.0 | 62.8 | 62.9 | 63.4 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| GE 16000 | 2.7 | 34.1 | 45.7 | 52.2 | 57.8 | 59.7 | 62.0 | 62.8 | 62.9 | 63.4 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| GE 14000 | 2.7 | 34.2 | 46.1 | 52.6 | 58.3 | 60.1 | 62.6 | 63.3 | 63.4 | 64.0 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| GE 12000 | 2.9 | 36.6 | 48.[illegible] | 55.4 | 61.4 | 63.2 | 65.8 | 66.6 | 66.7 | 67.2 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| GE 10000 | 3.0 | 38.9 | 52.3 | 59.8 | 66.0 | 67.8 | 70.5 | 71.3 | 71.4 | 71.9 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| GE 9000 | 3.0 | 39.4 | 52.8 | 60.5 | 66.9 | 68.7 | 71.4 | 72.2 | 72.3 | 72.8 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| GE 8000 | 3.1 | 41.6 | 55.1 | 63.3 | 69.7 | 71.6 | 74.3 | 75.1 | 75.2 | 75.7 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| GE 7000 | 3.1 | 41.6 | 55.3 | 63.5 | 69.9 | 71.8 | 74.5 | 75.3 | 75.4 | 75.9 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| GE 6000 | 3.2 | 41.9 | 55.6 | 63.9 | 70.2 | 72.2 | 74.8 | 75.6 | 75.7 | 76.2 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| GE 5000 | 3.2 | 42.4 | 56.0 | 64.4 | 70.9 | 72.8 | 75.5 | 76.2 | 76.3 | 76.9 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| GE 4500 | 3.5 | 42.8 | 56.5 | 64.8 | 71.3 | 73.2 | 75.9 | 76.7 | 76.8 | 77.3 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| GE 4000 | 3.5 | 43.4 | 57.4 | 65.8 | 72.4 | 74.3 | 77.0 | 77.7 | 77.8 | 78.4 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| GE 3500 | 3.5 | 43.9 | 58.3 | 66.7 | 73.2 | 75.2 | 77.8 | 78.6 | 78.7 | 79.2 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| GE 3000 | 3.5 | 44.2 | 58.7 | 67.2 | 73.9 | 75.9 | 78.6 | 79.4 | 79.5 | 80.0 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| GE 2500 | 3.7 | 44.5 | 59.1 | 67.8 | 74.7 | 76.8 | 79.5 | 80.2 | 80.3 | 80.9 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 2000 | 3.7 | 45.3 | 60.1 | 68.8 | 75.8 | 77.8 | 80.5 | 81.3 | 81.4 | 81.9 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| GE 1800 | 3.7 | 45.4 | 60.2 | 68.9 | 75.9 | 78.0 | 80.6 | 81.4 | 81.5 | 82.0 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| GE 1500 | 3.9 | 46.8 | 61.7 | 70.8 | 77.8 | 79.9 | 82.6 | 83.3 | 83.4 | 84.2 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 1200 | 3.9 | 48.6 | 63.7 | 73.0 | 80.2 | 82.3 | 85.1 | 85.8 | 85.9 | 86.7 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 1000 | 4.0 | 50.4 | 65.8 | 75.3 | 82.6 | 85.1 | 88.0 | 88.7 | 88.8 | 89.7 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 900 | 4.0 | 51.7 | 67.2 | 76.8 | 84.1 | 86.6 | 89.5 | 90.2 | 90.3 | 91.2 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 800 | 4.0 | 52.6 | 68.4 | 78.1 | 85.4 | 87.8 | 90.8 | 91.5 | 91.6 | 92.5 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE 700 | 4.0 | 53.3 | 69.5 | 79.2 | 86.7 | 89.1 | 92.2 | 92.9 | 93.0 | 93.9 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 600 | 4.0 | 54.5 | 71.0 | 80.9 | 88.4 | 91.2 | 94.2 | 94.9 | 95.1 | 95.9 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 500 | 4.0 | 54.8 | 71.6 | 81.5 | 89.1 | 91.9 | 95.1 | 96.0 | 96.2 | 97.1 | 97.5 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 |
| GE 400 | 4.0 | 54.8 | 72.0 | 81.9 | 89.6 | 92.6 | 95.7 | 96.8 | 97.0 | 97.8 | 98.3 | 98.4 | 98.5 | 98.6 | 98.7 | 98.7 |
| GE 300 | 4.0 | 54.8 | 72.0 | 81.9 | 89.7 | 92.7 | 95.8 | 96.9 | 97.1 | 98.2 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.5 |
| GE 200 | 4.0 | 54.8 | 72.0 | 81.9 | 89.7 | 92.8 | 95.9 | 97.0 | 97.2 | 98.3 | 99.0 | 99.2 | 99.4 | 99.5 | 99.6 | 99.8 |
| GE 100 | 4.0 | 54.8 | 72.0 | 81.9 | 89.7 | 92.8 | 95.9 | 97.0 | 97.2 | 98.3 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 100.0 |
| GE 0 | 4.0 | 54.8 | 72.0 | 81.9 | 89.7 | 92.8 | 95.9 | 97.0 | 97.2 | 98.3 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 3.9 | 47.4 | 51.4 | 53.7 | 56.3 | 56.5 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| GE 20000 | 4.8 | 54.5 | 58.8 | 61.3 | 64.2 | 64.3 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| GE 18000 | 4.8 | 54.8 | 59.1 | 61.6 | 64.5 | 64.6 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 16000 | 4.8 | 55.2 | 59.5 | 61.9 | 64.8 | 64.9 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 14000 | 4.8 | 55.5 | 59.8 | 62.4 | 65.4 | 65.5 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| GE 12000 | 5.1 | 59.0 | 63.4 | 66.0 | 69.1 | 69.2 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| GE 10000 | 5.1 | 62.8 | 67.4 | 70.0 | 73.2 | 73.3 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| GE 9000 | 5.1 | 63.0 | 67.7 | 70.3 | 73.5 | 73.7 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| GE 8000 | 5.5 | 65.4 | 70.1 | 72.7 | 75.9 | 76.0 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| GE 7000 | 5.5 | 65.4 | 70.1 | 72.7 | 75.9 | 76.0 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| GE 6000 | 5.5 | 65.5 | 70.2 | 72.8 | 76.0 | 76.1 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| GE 5000 | 5.6 | 66.0 | 70.8 | 73.3 | 76.6 | 76.7 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 4500 | 5.8 | 66.3 | 71.2 | 73.8 | 77.0 | 77.1 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| GE 4000 | 6.1 | 67.1 | 72.3 | 74.8 | 78.1 | 78.2 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| GE 3500 | 6.3 | 68.5 | 73.8 | 76.5 | 79.7 | 79.8 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 3000 | 6.7 | 71.8 | 77.2 | 80.1 | 83.3 | 83.4 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 2500 | 6.7 | 73.9 | 79.6 | 82.5 | 85.7 | 85.8 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 2000 | 6.8 | 76.3 | 82.3 | 85.4 | 88.6 | 88.7 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE 1800 | 6.8 | 77.0 | 82.9 | 86.0 | 89.2 | 89.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE 1500 | 6.9 | 79.9 | 85.8 | 88.9 | 92.2 | 92.3 | 92.8 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 1200 | 6.9 | 81.8 | 88.2 | 91.5 | 94.7 | 94.8 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 1000 | 6.9 | 83.4 | 90.2 | 93.5 | 97.2 | 97.4 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 900 | 6.9 | 83.8 | 90.5 | 94.0 | 97.7 | 98.0 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 800 | 6.9 | 84.1 | 90.9 | 94.4 | 98.2 | 98.4 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 700 | 6.9 | 84.1 | 91.0 | 94.5 | 98.3 | 98.5 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 600 | 6.9 | 84.1 | 91.0 | 94.7 | 98.6 | 98.8 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 6.9 | 84.1 | 91.0 | 94.7 | 98.7 | 98.9 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 6.9 | 84.1 | 91.0 | 94.7 | 98.7 | 98.9 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 6.9 | 84.1 | 91.0 | 94.7 | 98.7 | 98.9 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 6.9 | 84.1 | 91.0 | 94.7 | 98.7 | 98.9 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 6.9 | 84.1 | 91.0 | 94.7 | 98.7 | 98.9 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 6.9 | 84.1 | 91.0 | 94.7 | 98.7 | 98.9 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 6.3 | 47.4 | 51.2 | 53.1 | 53.5 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| GE 20000 | 8.7 | 59.2 | 63.0 | 65.3 | 66.0 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 18000 | 8.7 | 59.3 | 63.1 | 65.4 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| GE 16000 | 9.0 | 59.5 | 63.3 | 65.7 | 66.3 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 14000 | 9.2 | 60.2 | 63.9 | 66.3 | 67.0 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| GE 12000 | 9.7 | 63.6 | 67.4 | 69.8 | 70.4 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 10000 | 10.4 | 67.4 | 71.2 | 73.5 | 74.2 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| GE 9000 | 10.4 | 68.0 | 71.8 | 74.2 | 74.8 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| GE 8000 | 10.5 | 70.6 | 74.4 | 76.8 | 77.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| GE 7000 | 10.5 | 70.8 | 74.7 | 77.1 | 77.8 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| GE 6000 | 10.5 | 70.8 | 74.7 | 77.1 | 77.8 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| GE 5000 | 10.5 | 71.1 | 75.1 | 77.4 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| GE 4500 | 10.6 | 71.4 | 75.4 | 77.8 | 78.4 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| GE 4000 | 11.3 | 73.7 | 77.9 | 80.6 | 81.2 | 81.3 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| GE 3500 | 12.0 | 77.6 | 82.3 | 85.0 | 85.9 | 86.0 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 3000 | 13.0 | 84.7 | 89.8 | 92.8 | 93.6 | 93.7 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 2500 | 13.2 | 85.7 | 91.0 | 94.1 | 94.9 | 95.1 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 2000 | 13.3 | 87.0 | 92.3 | 95.5 | 96.3 | 96.5 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 1800 | 13.3 | 87.0 | 92.3 | 95.5 | 96.3 | 96.5 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 1500 | 13.3 | 87.8 | 93.1 | 96.2 | 97.1 | 97.5 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 1200 | 13.3 | 88.4 | 93.7 | 96.9 | 97.7 | 98.2 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 1000 | 13.3 | 88.4 | 93.7 | 97.0 | 97.8 | 98.3 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 900 | 13.3 | 88.4 | 93.7 | 97.0 | 97.8 | 98.3 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 800 | 13.3 | 88.6 | 93.8 | 97.1 | 97.9 | 98.4 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 700 | 13.3 | 88.6 | 93.8 | 97.1 | 97.9 | 98.5 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 600 | 13.3 | 88.7 | 94.1 | 97.3 | 98.2 | 98.7 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 500 | 13.3 | 88.7 | 94.2 | 97.4 | 98.3 | 98.8 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 13.3 | 88.7 | 94.2 | 97.4 | 98.3 | 98.8 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 13.3 | 88.7 | 94.2 | 97.4 | 98.4 | 98.9 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 13.3 | 88.7 | 94.2 | 97.4 | 98.4 | 98.9 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 13.3 | 88.7 | 94.2 | 97.4 | 98.4 | 98.9 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 13.3 | 88.7 | 94.2 | 97.4 | 98.4 | 98.9 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 7.9 | 46.3 | 49.8 | 51.0 | 51.7 | 51.7 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| GE 20000 | 12.4 | 62.7 | 66.6 | 67.9 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| GE 18000 | 12.6 | 62.8 | 66.7 | 68.0 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| GE 16000 | 12.7 | 62.9 | 66.8 | 68.1 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 14000 | 13.1 | 64.0 | 67.9 | 69.2 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 12000 | 13.4 | 66.5 | 70.4 | 71.7 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| GE 10000 | 14.8 | 71.6 | 76.2 | 77.5 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| GE 9000 | 14.8 | 72.2 | 77.0 | 78.3 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 8000 | 15.3 | 74.5 | 79.4 | 80.7 | 81.6 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| GE 7000 | 15.4 | 74.9 | 80.1 | 81.4 | 82.3 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| GE 6000 | 15.4 | 75.1 | 80.3 | 81.7 | 82.5 | 82.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 5000 | 15.6 | 76.6 | 82.1 | 83.4 | 84.3 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 4500 | 15.6 | 77.6 | 83.1 | 84.4 | 85.4 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 4000 | 15.8 | 80.6 | 86.1 | 87.7 | 88.8 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 3500 | 16.3 | 83.3 | 88.9 | 90.6 | 91.7 | 91.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 3000 | 16.6 | 87.2 | 93.1 | 94.9 | 96.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 2500 | 16.7 | 87.4 | 93.3 | 95.1 | 96.5 | 96.6 | 97.1 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 2000 | 16.8 | 88.6 | 94.5 | 96.3 | 97.7 | 97.8 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 1800 | 16.9 | 88.9 | 94.8 | 96.5 | 97.9 | 98.0 | 98.5 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1500 | 17.1 | 89.4 | 95.3 | 97.1 | 98.5 | 98.6 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1200 | 17.1 | 89.6 | 95.5 | 97.3 | 98.7 | 98.8 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1000 | 17.1 | 89.7 | 95.6 | 97.4 | 98.8 | 98.9 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 17.1 | 89.7 | 95.6 | 97.4 | 98.8 | 98.9 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 800 | 17.1 | 89.7 | 95.6 | 97.4 | 98.8 | 98.9 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | 17.1 | 89.7 | 95.6 | 97.4 | 98.8 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 17.1 | 89.7 | 95.6 | 97.4 | 98.8 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 17.1 | 89.7 | 95.6 | 97.4 | 98.8 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 17.1 | 89.7 | 95.6 | 97.5 | 98.9 | 99.0 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 17.1 | 89.7 | 95.6 | 97.5 | 98.9 | 99.0 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 17.1 | 89.7 | 95.6 | 97.5 | 98.9 | 99.0 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 17.1 | 89.7 | 95.6 | 97.5 | 98.9 | 99.0 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 17.1 | 89.7 | 95.6 | 97.5 | 98.9 | 99.0 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 7.3 | 44.1 | 47.5 | 48.5 | 49.1 | 49.1 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| GE 20000 | 11.0 | 63.5 | 67.8 | 68.9 | 69.4 | 69.4 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| GE 18000 | 11.1 | 63.8 | 68.1 | 69.2 | 69.7 | 69.7 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| GE 16000 | 11.4 | 64.1 | 68.4 | 69.5 | 70.1 | 70.1 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 14000 | 11.8 | 65.5 | 69.7 | 70.8 | 71.4 | 71.4 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 12000 | 12.8 | 69.2 | 73.5 | 74.6 | 75.1 | 75.1 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 10000 | 13.6 | 75.6 | 79.9 | 81.0 | 81.5 | 81.5 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 9000 | 13.6 | 76.1 | 80.5 | 81.6 | 82.2 | 82.2 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 8000 | 14.3 | 79.0 | 83.6 | 84.9 | 85.5 | 85.5 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| GE 7000 | 14.3 | 79.2 | 83.8 | 85.1 | 85.7 | 85.7 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 6000 | 14.3 | 79.4 | 84.0 | 85.5 | 86.0 | 86.0 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| GE 5000 | 14.3 | 80.7 | 85.6 | 87.1 | 87.7 | 87.7 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 4500 | 14.3 | 82.1 | 87.3 | 88.9 | 89.4 | 89.4 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 4000 | 14.5 | 83.5 | 89.1 | 90.6 | 91.2 | 91.2 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 3500 | 14.6 | 85.1 | 91.0 | 92.5 | 93.2 | 93.2 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 3000 | 14.7 | 86.7 | 92.8 | 94.4 | 95.5 | 95.5 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 2500 | 15.0 | 87.8 | 94.1 | 95.7 | 96.8 | 96.8 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 2000 | 15.0 | 88.3 | 94.7 | 96.5 | 97.6 | 97.6 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 1800 | 15.0 | 88.6 | 94.9 | 96.7 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 1500 | 15.1 | 88.9 | 95.3 | 97.2 | 98.5 | 98.5 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1200 | 15.1 | 89.1 | 95.5 | 97.5 | 98.7 | 98.7 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1000 | 15.1 | 89.1 | 95.5 | 97.5 | 98.8 | 98.8 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 15.1 | 89.2 | 95.6 | 97.6 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 800 | 15.1 | 89.2 | 95.6 | 97.6 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 15.1 | 89.2 | 95.6 | 97.6 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 15.1 | 89.2 | 95.6 | 97.6 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 15.1 | 89.2 | 95.6 | 97.6 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 400 | 15.1 | 89.2 | 95.6 | 97.6 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 300 | 15.1 | 89.2 | 95.6 | 97.6 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 200 | 15.1 | 89.2 | 95.6 | 97.6 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 100 | 15.1 | 89.2 | 95.6 | 97.6 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | 15.1 | 89.2 | 95.6 | 97.6 | 98.9 | 98.9 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 10.9 | 53.3 | 57.9 | 59.7 | 59.9 | 59.9 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| GE 20000 | 13.0 | 70.1 | 75.5 | 77.3 | 77.5 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 18000 | 13.0 | 70.1 | 75.5 | 77.3 | 77.5 | 77.5 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 16000 | 13.2 | 70.2 | 75.7 | 77.5 | 77.6 | 77.6 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| GE 14000 | 13.2 | 70.9 | 76.3 | 78.1 | 78.3 | 78.3 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| GE 12000 | 13.2 | 72.9 | 78.6 | 80.4 | 80.6 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| GE 10000 | 13.8 | 76.5 | 82.6 | 84.4 | 84.5 | 84.5 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| GE 9000 | 13.8 | 77.3 | 83.4 | 85.2 | 85.4 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 8000 | 14.0 | 78.5 | 84.7 | 86.7 | 87.0 | 87.0 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 7000 | 14.0 | 78.6 | 84.9 | 87.0 | 87.3 | 87.3 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| GE 6000 | 14.0 | 78.9 | 85.2 | 87.3 | 87.7 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 5000 | 14.0 | 79.8 | 86.0 | 88.2 | 88.5 | 88.5 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 4500 | 14.1 | 80.8 | 87.0 | 89.3 | 89.6 | 89.6 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 4000 | 14.1 | 81.9 | 88.7 | 91.0 | 91.3 | 91.3 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 3500 | 14.5 | 83.4 | 90.1 | 92.4 | 92.8 | 92.8 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 3000 | 14.5 | 84.4 | 91.1 | 94.1 | 94.9 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 2500 | 14.5 | 85.4 | 92.1 | 95.1 | 95.9 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 2000 | 14.6 | 86.0 | 92.8 | 95.7 | 96.7 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 1800 | 14.8 | 86.3 | 93.1 | 96.1 | 97.0 | 97.0 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 1500 | 14.8 | 87.2 | 93.9 | 96.9 | 97.9 | 97.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 1200 | 14.8 | 87.5 | 94.2 | 97.2 | 98.2 | 98.2 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1000 | 14.8 | 87.8 | 94.6 | 97.7 | 98.7 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 900 | 14.8 | 88.3 | 95.1 | 98.2 | 99.2 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | 14.8 | 88.3 | 95.1 | 98.4 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | 14.8 | 88.3 | 95.1 | 98.4 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | 14.8 | 88.5 | 95.2 | 98.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 14.8 | 88.5 | 95.2 | 98.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 14.8 | 88.5 | 95.2 | 98.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 14.8 | 88.5 | 95.2 | 98.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 14.8 | 88.5 | 95.2 | 98.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 14.8 | 88.5 | 95.2 | 98.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 14.8 | 88.5 | 95.2 | 98.5 | 99.5 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 608

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-76,78-84
MONTH: AUG HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 1.4 | 18.7 | 26.5 | 37.4 | 51.1 | 56.6 | 60.7 | 62.6 | 64.4 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.8 | 65.8 |
| GE 20000 | 1.8 | 21.0 | 28.8 | 40.2 | 53.9 | 59.4 | 63.9 | 66.2 | 68.0 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.4 | 69.4 |
| GE 18000 | 1.8 | 21.0 | 28.8 | 40.2 | 53.9 | 59.4 | 63.9 | 66.2 | 68.0 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.4 | 69.4 |
| GE 16000 | 1.8 | 21.0 | 28.8 | 40.2 | 53.9 | 59.4 | 63.9 | 66.2 | 68.0 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.4 | 69.4 |
| GE 14000 | 1.8 | 21.0 | 28.8 | 40.2 | 53.9 | 59.4 | 63.9 | 66.2 | 68.0 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.4 | 69.4 |
| GE 12000 | 1.8 | 21.5 | 29.2 | 40.6 | 54.3 | 59.8 | 64.4 | 66.7 | 68.5 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.9 | 69.9 |
| GE 10000 | 1.8 | 24.7 | 32.4 | 44.3 | 59.4 | 65.8 | 70.8 | 73.5 | 75.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.7 | 76.7 |
| E 9000 | 1.8 | 24.7 | 32.4 | 44.3 | 59.4 | 65.8 | 70.8 | 73.5 | 75.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.7 | 76.7 |
| GE 8000 | 1.8 | 25.6 | 33.3 | 45.7 | 61.2 | 67.6 | 72.6 | 75.3 | 77.2 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.5 | 78.5 |
| GE 7000 | 1.8 | 25.6 | 33.3 | 46.1 | 61.6 | 68.0 | 73.1 | 75.8 | 77.6 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 79.0 | 79.0 |
| GE 6000 | 1.8 | 25.6 | 33.3 | 46.1 | 61.6 | 68.0 | 73.5 | 76.3 | 78.1 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.5 | 79.5 |
| GE 5000 | 1.8 | 25.6 | 33.3 | 46.6 | 62.6 | 68.9 | 74.9 | 77.6 | 79.5 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.8 | 80.8 |
| GE 4500 | 1.8 | 26.0 | 33.8 | 47.0 | 63.5 | 69.9 | 75.8 | 78.5 | 80.4 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.7 | 81.7 |
| GE 4000 | 1.8 | 26.0 | 33.8 | 47.5 | 64.4 | 70.8 | 76.7 | 79.5 | 81.3 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.6 | 82.6 |
| GE 3500 | 2.3 | 26.5 | 34.2 | 47.9 | 65.3 | 71.7 | 77.6 | 80.4 | 82.2 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.6 | 83.6 |
| GE 3000 | 2.3 | 26.9 | 34.7 | 48.4 | 65.8 | 72.1 | 78.1 | 80.8 | 82.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 84.0 | 84.0 |
| GE 2500 | 2.3 | 27.4 | 35.2 | 49.3 | 66.7 | 73.5 | 79.5 | 82.2 | 84.0 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.4 | 85.4 |
| GE 2000 | 2.3 | 28.3 | 36.5 | 51.6 | 68.9 | 75.8 | 81.7 | 84.5 | 86.3 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.7 | 87.7 |
| GE 1800 | 2.3 | 28.3 | 36.5 | 52.1 | 69.4 | 76.3 | 82.2 | 84.9 | 86.8 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.1 | 88.1 |
| GE 1500 | 2.3 | 28.3 | 37.0 | 53.4 | 70.8 | 77.6 | 83.6 | 86.3 | 88.1 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.5 | 89.5 |
| GE 1200 | 2.7 | 28.8 | 37.4 | 54.3 | 72.1 | 79.0 | 85.4 | 88.1 | 90.0 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.3 | 91.3 |
| GE 1000 | 2.7 | 28.8 | 37.4 | 54.8 | 72.6 | 79.5 | 85.8 | 88.6 | 90.4 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.8 | 91.8 |
| GE 900 | 2.7 | 29.2 | 37.9 | 55.7 | 73.5 | 80.4 | 86.8 | 89.5 | 91.3 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.7 | 92.7 |
| GE 800 | 2.7 | 29.2 | 37.9 | 56.2 | 74.0 | 80.8 | 87.2 | 90.0 | 91.8 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 93.2 | 93.2 |
| GE 700 | 2.7 | 29.7 | 38.8 | 57.1 | 74.9 | 81.7 | 88.6 | 91.3 | 93.2 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.5 | 94.5 |
| GE 600 | 2.7 | 29.7 | 38.8 | 57.1 | 74.9 | 81.7 | 88.6 | 91.3 | 93.2 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.5 | 94.5 |
| GE 500 | 2.7 | 30.1 | 39.7 | 58.4 | 76.3 | 83.1 | 90.0 | 92.7 | 95.0 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.3 | 96.3 |
| GE 400 | 2.7 | 30.1 | 40.6 | 59.4 | 77.6 | 84.5 | 91.8 | 94.5 | 96.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 |
| GE 300 | 2.7 | 30.1 | 40.6 | 59.4 | 78.1 | 84.9 | 92.2 | 95.0 | 97.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 99.1 | 99.1 |
| GE 200 | 2.7 | 30.1 | 40.6 | 59.4 | 78.1 | 84.9 | 92.2 | 95.0 | 97.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 99.1 | 99.5 |
| GE 100 | 2.7 | 30.1 | 40.6 | 59.4 | 78.1 | 84.9 | 92.2 | 95.0 | 97.3 | 98.6 | 98.6 | 98.6 | 99.1 | 99.1 | 99.5 | 100.0 |
| GE 0 | 2.7 | 30.1 | 40.6 | 59.4 | 78.1 | 84.9 | 92.2 | 95.0 | 97.3 | 98.6 | 98.6 | 98.6 | 99.1 | 99.1 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 219

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 3.0 | 30.6 | 40.4 | 48.6 | 55.4 | 58.4 | 60.8 | 62.6 | 63.2 | 63.4 | 63.4 | 63.4 | 63.5 | 63.7 | 63.7 | 63.7 |
| GE 20000 | 3.0 | 32.6 | 42.4 | 50.9 | 57.7 | 60.8 | 63.1 | 65.1 | 65.7 | 66.1 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 |
| GE 18000 | 3.0 | 32.6 | 42.4 | 50.9 | 57.7 | 60.8 | 63.1 | 65.1 | 65.7 | 66.1 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 |
| GE 16000 | 3.0 | 32.6 | 42.4 | 50.9 | 57.7 | 60.8 | 63.1 | 65.1 | 65.7 | 66.1 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 |
| GE 14000 | 3.0 | 32.6 | 42.4 | 50.9 | 57.7 | 60.8 | 63.1 | 65.1 | 65.7 | 66.1 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 |
| GE 12000 | 3.0 | 32.9 | 42.7 | 51.5 | 58.9 | 61.9 | 64.4 | 66.3 | 67.0 | 67.4 | 67.4 | 67.4 | 67.5 | 67.6 | 67.6 | 67.6 |
| GE 10000 | 3.0 | 34.7 | 45.2 | 54.2 | 61.8 | 65.1 | 67.5 | 69.5 | 70.1 | 70.5 | 70.5 | 70.5 | 70.6 | 70.8 | 70.8 | 70.8 |
| GE 9000 | 3.0 | 35.2 | 45.6 | 54.7 | 62.4 | 65.6 | 68.1 | 70.0 | 70.6 | 71.1 | 71.1 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 |
| GE 8000 | 3.0 | 37.2 | 48.5 | 58.4 | 66.0 | 69.4 | 71.9 | 73.9 | 74.5 | 74.9 | 74.9 | 74.9 | 75.1 | 75.3 | 75.3 | 75.3 |
| GE 7000 | 3.1 | 37.8 | 49.1 | 59.0 | 66.8 | 70.1 | 73.0 | 74.9 | 75.6 | 76.0 | 76.0 | 76.0 | 76.1 | 76.3 | 76.3 | 76.3 |
| GE 6000 | 3.1 | 37.8 | 49.1 | 59.1 | 67.1 | 70.4 | 73.4 | 75.4 | 76.0 | 76.5 | 76.5 | 76.5 | 76.6 | 76.8 | 76.8 | 76.8 |
| GE 5000 | 3.1 | 38.3 | 50.0 | 60.0 | 68.1 | 71.4 | 74.4 | 76.3 | 77.0 | 77.4 | 77.4 | 77.4 | 77.5 | 77.7 | 77.7 | 77.7 |
| GE 4500 | 3.1 | 38.6 | 50.3 | 60.4 | 68.5 | 71.9 | 74.9 | 76.9 | 77.5 | 78.0 | 78.0 | 78.0 | 78.1 | 78.3 | 78.3 | 78.3 |
| GE 4000 | 3.1 | 38.9 | 50.8 | 60.9 | 68.9 | 72.4 | 75.4 | 77.3 | 78.0 | 78.4 | 78.4 | 78.4 | 78.5 | 78.7 | 78.7 | 78.7 |
| GE 3500 | 3.2 | 39.2 | 51.1 | 61.2 | 69.2 | 72.7 | 75.7 | 77.6 | 78.3 | 78.7 | 78.7 | 78.7 | 78.8 | 79.0 | 79.0 | 79.0 |
| GE 3000 | 3.2 | 39.9 | 51.7 | 61.8 | 70.1 | 73.5 | 76.6 | 78.5 | 79.1 | 79.6 | 79.6 | 79.6 | 79.7 | 79.9 | 79.9 | 79.9 |
| GE 2500 | 3.2 | 40.4 | 52.3 | 62.5 | 70.8 | 74.2 | 77.3 | 79.2 | 79.9 | 80.3 | 80.3 | 80.3 | 80.4 | 80.6 | 80.6 | 80.6 |
| GE 2000 | 3.3 | 41.6 | 53.4 | 63.7 | 71.9 | 75.4 | 78.6 | 80.5 | 81.2 | 81.6 | 81.6 | 81.6 | 81.7 | 81.9 | 81.9 | 81.9 |
| GE 1800 | 3.3 | 41.7 | 53.5 | 63.9 | 72.2 | 75.6 | 78.8 | 80.8 | 81.4 | 81.8 | 81.8 | 81.8 | 81.9 | 82.2 | 82.2 | 82.2 |
| GE 1500 | 3.3 | 42.4 | 54.4 | 65.2 | 73.4 | 77.0 | 80.3 | 82.3 | 82.9 | 83.3 | 83.4 | 83.4 | 83.5 | 83.8 | 83.8 | 83.8 |
| GE 1200 | 3.7 | 43.3 | 55.5 | 66.9 | 75.3 | 78.8 | 82.2 | 84.1 | 84.7 | 85.2 | 85.3 | 85.3 | 85.4 | 85.6 | 85.6 | 85.6 |
| GE 1000 | 3.7 | 44.6 | 57.2 | 68.9 | 77.4 | 81.0 | 84.3 | 86.2 | 86.9 | 87.3 | 87.4 | 87.4 | 87.5 | 87.7 | 87.7 | 87.7 |
| GE 900 | 3.7 | 45.7 | 59.1 | 71.2 | 79.8 | 83.5 | 86.9 | 88.8 | 89.5 | 89.9 | 90.0 | 90.0 | 90.1 | 90.3 | 90.3 | 90.3 |
| GE 800 | 3.8 | 46.6 | 60.4 | 72.7 | 81.4 | 85.3 | 88.7 | 90.6 | 91.3 | 91.7 | 91.8 | 91.8 | 91.9 | 92.2 | 92.2 | 92.2 |
| GE 700 | 3.8 | 46.9 | 61.1 | 73.8 | 82.7 | 86.6 | 90.1 | 92.0 | 92.7 | 93.1 | 93.2 | 93.2 | 93.3 | 93.5 | 93.5 | 93.5 |
| GE 600 | 3.8 | 47.5 | 62.2 | 75.4 | 84.4 | 88.4 | 91.9 | 93.9 | 94.5 | 94.9 | 95.1 | 95.1 | 95.2 | 95.4 | 95.4 | 95.4 |
| GE 500 | 3.8 | 48.1 | 63.2 | 76.6 | 85.9 | 90.1 | 93.9 | 96.0 | 96.7 | 97.1 | 97.2 | 97.2 | 97.3 | 97.5 | 97.5 | 97.5 |
| GE 400 | 3.8 | 48.2 | 63.3 | 76.9 | 86.5 | 90.6 | 94.6 | 97.2 | 97.8 | 98.3 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.7 |
| GE 300 | 3.8 | 48.2 | 63.3 | 76.9 | 86.7 | 90.9 | 95.2 | 97.7 | 98.4 | 98.9 | 99.0 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 |
| GE 200 | 3.8 | 48.2 | 63.3 | 76.9 | 86.8 | 91.0 | 95.3 | 97.8 | 98.6 | 99.1 | 99.4 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 |
| GE 100 | 3.8 | 48.2 | 63.3 | 76.9 | 86.8 | 91.0 | 95.3 | 97.8 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 |
| GE 0 | 3.8 | 48.2 | 63.3 | 76.9 | 86.8 | 91.0 | 95.3 | 97.8 | 98.6 | 99.1 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 9.5 | 53.9 | 60.1 | 64.2 | 65.1 | 65.5 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| GE 20000 | 10.2 | 57.5 | 64.2 | 68.5 | 69.4 | 69.8 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| GE 18000 | 10.2 | 57.5 | 64.2 | 68.5 | 69.4 | 69.8 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| GE 16000 | 10.2 | 57.6 | 64.3 | 68.6 | 69.5 | 69.9 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| GE 14000 | 10.2 | 58.1 | 64.7 | 69.0 | 69.9 | 70.3 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| GE 12000 | 10.2 | 59.9 | 66.7 | 71.0 | 71.9 | 72.4 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE 10000 | 10.3 | 62.7 | 69.8 | 74.2 | 75.3 | 75.7 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| GE 9000 | 10.3 | 63.3 | 70.4 | 74.8 | 75.9 | 76.3 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| GE 8000 | 10.6 | 66.0 | 73.2 | 77.6 | 78.7 | 79.1 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 7000 | 10.6 | 66.5 | 73.7 | 78.2 | 79.2 | 79.7 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 6000 | 10.6 | 66.7 | 74.0 | 78.6 | 79.7 | 80.1 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 5000 | 10.8 | 67.5 | 74.8 | 79.5 | 80.5 | 81.0 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| GE 4500 | 10.8 | 67.7 | 75.1 | 79.7 | 80.8 | 81.2 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| GE 4000 | 10.9 | 68.4 | 75.9 | 80.5 | 81.6 | 82.0 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| GE 3500 | 11.1 | 69.9 | 77.4 | 82.0 | 83.1 | 83.5 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| GE 3000 | 12.0 | 72.5 | 80.2 | 85.1 | 86.1 | 86.6 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 2500 | 12.0 | 73.3 | 81.1 | 85.9 | 87.0 | 87.4 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 2000 | 12.0 | 74.8 | 82.9 | 87.7 | 88.8 | 89.2 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 1800 | 12.0 | 75.1 | 83.1 | 88.1 | 89.4 | 89.8 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| GE 1500 | 12.2 | 76.7 | 84.8 | 90.2 | 91.5 | 91.9 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 1200 | 12.8 | 79.4 | 87.8 | 93.2 | 94.5 | 94.9 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 1000 | 13.1 | 80.4 | 89.6 | 95.4 | 96.8 | 97.2 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 900 | 13.1 | 81.1 | 90.3 | 96.1 | 97.5 | 98.1 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 800 | 13.2 | 81.4 | 90.6 | 96.5 | 98.0 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 700 | 13.2 | 81.5 | 90.8 | 96.6 | 98.1 | 98.6 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 600 | 13.2 | 81.5 | 90.8 | 96.7 | 98.2 | 98.7 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 500 | 13.2 | 81.5 | 90.9 | 97.0 | 98.5 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 13.2 | 81.5 | 90.9 | 97.0 | 98.5 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 13.2 | 81.5 | 90.9 | 97.0 | 98.5 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 13.2 | 81.5 | 90.9 | 97.0 | 98.5 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 13.2 | 81.5 | 90.9 | 97.0 | 98.5 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 13.2 | 81.5 | 90.9 | 97.0 | 98.5 | 99.0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 13.7 | 53.7 | 56.9 | 58.5 | 58.9 | 59.2 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| GE 20000 | 16.0 | 63.4 | 67.3 | 69.4 | 69.8 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 18000 | 16.0 | 63.4 | 67.3 | 69.4 | 69.8 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 16000 | 16.0 | 63.4 | 67.3 | 69.4 | 69.8 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 14000 | 16.0 | 63.9 | 67.7 | 69.8 | 70.2 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 12000 | 16.5 | 65.4 | 69.5 | 71.8 | 72.3 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 10000 | 17.4 | 69.1 | 73.5 | 75.9 | 76.3 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE 9000 | 17.4 | 70.0 | 74.4 | 76.8 | 77.2 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| GE 8000 | 18.1 | 72.8 | 77.2 | 79.6 | 80.0 | 80.3 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 7000 | 18.1 | 73.3 | 77.7 | 80.1 | 80.5 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 6000 | 18.3 | 74.0 | 78.4 | 80.8 | 81.2 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| GE 5000 | 18.3 | 74.6 | 79.0 | 81.4 | 81.8 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| GE 4500 | 18.4 | 74.9 | 79.4 | 81.7 | 82.2 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 4000 | 18.9 | 77.0 | 81.7 | 84.2 | 84.7 | 85.1 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 3500 | 19.4 | 81.2 | 86.0 | 88.5 | 89.2 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 3000 | 20.6 | 86.9 | 92.0 | 94.5 | 95.4 | 95.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 2500 | 20.6 | 87.4 | 92.6 | 95.1 | 95.9 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 2000 | 20.6 | 87.8 | 93.1 | 95.6 | 96.5 | 97.0 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 1800 | 20.6 | 88.2 | 93.4 | 96.1 | 97.0 | 97.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 1500 | 21.0 | 88.7 | 94.1 | 97.0 | 97.8 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 1200 | 21.2 | 88.9 | 94.3 | 97.3 | 98.2 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1000 | 21.2 | 89.2 | 94.6 | 97.6 | 98.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 900 | 21.2 | 89.2 | 94.6 | 97.6 | 98.5 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 800 | 21.2 | 89.2 | 94.6 | 97.6 | 98.6 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 700 | 21.2 | 89.2 | 94.6 | 98.0 | 98.9 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 21.2 | 89.2 | 94.6 | 98.1 | 99.0 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 21.2 | 89.2 | 94.6 | 98.1 | 99.0 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 21.2 | 89.2 | 94.6 | 98.1 | 99.0 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 21.2 | 89.2 | 94.6 | 98.1 | 99.0 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 21.2 | 89.2 | 94.6 | 98.1 | 99.0 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 21.2 | 89.2 | 94.6 | 98.1 | 99.0 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 21.2 | 89.2 | 94.6 | 98.1 | 99.0 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 13.5 | 48.7 | 53.3 | 54.4 | 54.9 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| GE 20000 | 16.8 | 63.2 | 68.6 | 70.0 | 70.6 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 18000 | 16.9 | 63.5 | 68.9 | 70.4 | 71.1 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 16000 | 16.9 | 63.5 | 68.9 | 70.4 | 71.1 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 14000 | 17.1 | 64.3 | 69.7 | 71.4 | 72.0 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 12000 | 17.7 | 66.7 | 72.0 | 74.0 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 10000 | 18.6 | 71.9 | 77.5 | 79.6 | 80.3 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 9000 | 18.6 | 72.7 | 78.3 | 80.3 | 81.1 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| GE 8000 | 19.2 | 75.5 | 81.1 | 83.1 | 84.0 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| GE 7000 | 19.2 | 75.6 | 81.3 | 83.3 | 84.2 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 6000 | 19.6 | 76.5 | 82.2 | 84.2 | 85.1 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 5000 | 19.6 | 76.8 | 82.5 | 84.6 | 85.5 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| GE 4500 | 19.9 | 77.5 | 83.3 | 85.5 | 86.3 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 4000 | 20.2 | 78.9 | 84.9 | 87.1 | 88.3 | 88.6 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 3500 | 20.8 | 82.6 | 88.6 | 90.9 | 92.5 | 92.8 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 3000 | 21.1 | 85.1 | 91.6 | 94.0 | 95.9 | 96.2 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 2500 | 21.1 | 85.6 | 92.3 | 94.7 | 96.9 | 97.2 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 |
| GE 2000 | 21.3 | 86.2 | 93.0 | 95.6 | 97.7 | 98.1 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| GE 1800 | 21.3 | 86.2 | 93.2 | 95.9 | 98.1 | 98.4 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| GE 1500 | 21.3 | 86.6 | 93.5 | 96.2 | 98.4 | 98.7 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| GE 1200 | 21.3 | 86.7 | 93.7 | 96.3 | 98.5 | 98.8 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 1000 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE 900 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE 800 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 700 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 600 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 500 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 400 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 300 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 200 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 100 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 0 | 21.3 | 86.9 | 93.9 | 96.6 | 98.7 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 10.1 | 49.6 | 53.1 | 55.0 | 55.2 | 55.2 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| GE 20000 | 13.7 | 67.7 | 71.9 | 74.5 | 74.7 | 74.7 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| GE 18000 | 13.7 | 67.8 | 72.0 | 74.6 | 74.8 | 74.8 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 16000 | 13.7 | 67.8 | 72.0 | 74.6 | 74.8 | 74.8 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 14000 | 13.9 | 68.4 | 72.6 | 75.1 | 75.3 | 75.3 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| GE 12000 | 15.2 | 71.4 | 75.8 | 78.4 | 78.6 | 78.6 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| GE 10000 | 16.3 | 77.3 | 82.0 | 84.8 | 85.6 | 85.6 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 9000 | 16.3 | 77.7 | 82.5 | 85.3 | 86.0 | 86.0 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| GE 8000 | 16.7 | 80.4 | 85.5 | 88.4 | 89.1 | 89.1 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 7000 | 17.1 | 81.1 | 86.1 | 89.0 | 89.8 | 89.8 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 6000 | 17.1 | 81.4 | 86.4 | 89.3 | 90.2 | 90.2 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 5000 | 17.2 | 82.3 | 87.4 | 90.3 | 91.2 | 91.2 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 4500 | 17.5 | 83.3 | 88.5 | 91.6 | 92.5 | 92.5 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 4000 | 17.5 | 83.9 | 89.0 | 92.1 | 93.0 | 93.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 3500 | 17.7 | 85.6 | 91.2 | 94.4 | 95.3 | 95.3 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 3000 | 17.7 | 87.2 | 93.0 | 96.4 | 97.3 | 97.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 2500 | 17.7 | 87.3 | 93.1 | 96.6 | 97.4 | 97.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 2000 | 17.7 | 87.8 | 93.6 | 97.1 | 98.0 | 98.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1800 | 17.7 | 87.8 | 93.6 | 97.1 | 98.0 | 98.0 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1500 | 17.7 | 88.1 | 93.9 | 97.4 | 98.3 | 98.3 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1200 | 17.7 | 88.1 | 93.9 | 97.5 | 98.4 | 98.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1000 | 17.7 | 88.1 | 93.9 | 97.5 | 98.4 | 98.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 17.7 | 88.1 | 93.9 | 97.5 | 98.4 | 98.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | 17.7 | 88.1 | 93.9 | 97.5 | 98.4 | 98.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 700 | 17.7 | 88.1 | 93.9 | 97.5 | 98.4 | 98.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | 17.7 | 88.1 | 94.1 | 97.7 | 98.6 | 98.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 17.7 | 88.1 | 94.1 | 97.7 | 98.6 | 98.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 17.7 | 88.1 | 94.1 | 97.7 | 98.6 | 98.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 17.7 | 88.1 | 94.1 | 97.7 | 98.6 | 98.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 17.7 | 88.1 | 94.1 | 97.7 | 98.6 | 98.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 17.7 | 88.1 | 94.1 | 97.7 | 98.6 | 98.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 17.7 | 88.1 | 94.1 | 97.7 | 98.6 | 98.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 12.6 | 62.1 | 64.5 | 67.5 | 67.8 | 67.8 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| GE 20000 | 14.1 | 75.2 | 78.6 | 82.2 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 18000 | 14.1 | 75.2 | 78.6 | 82.2 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 16000 | 14.1 | 75.2 | 78.6 | 82.2 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 14000 | 14.4 | 75.7 | 79.0 | 82.7 | 83.0 | 83.0 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE 12000 | 14.6 | 76.3 | 79.7 | 83.5 | 83.8 | 83.8 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| GE 10000 | 15.4 | 80.0 | 83.4 | 87.2 | 87.5 | 87.5 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 9000 | 15.4 | 80.3 | 83.7 | 87.5 | 87.8 | 87.8 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 8000 | 15.7 | 83.0 | 86.7 | 90.6 | 91.2 | 91.2 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 7000 | 16.0 | 83.4 | 87.0 | 90.9 | 91.5 | 91.5 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 6000 | 16.0 | 83.5 | 87.2 | 91.0 | 91.7 | 91.7 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 5000 | 16.0 | 84.0 | 88.0 | 91.8 | 92.5 | 92.5 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 4500 | 16.0 | 84.6 | 88.6 | 92.5 | 93.1 | 93.1 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 4000 | 16.0 | 85.8 | 89.9 | 93.8 | 94.6 | 94.9 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 3500 | 16.0 | 86.4 | 90.9 | 94.7 | 95.5 | 95.8 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 3000 | 16.0 | 87.4 | 91.8 | 95.7 | 96.8 | 97.1 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 2500 | 16.0 | 87.5 | 92.2 | 96.0 | 97.1 | 97.4 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 2000 | 16.0 | 88.3 | 93.1 | 97.0 | 98.1 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1800 | 16.0 | 88.3 | 93.1 | 97.0 | 98.1 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1500 | 16.0 | 88.5 | 93.3 | 97.1 | 98.2 | 98.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1200 | 16.0 | 88.5 | 93.3 | 97.1 | 98.2 | 98.6 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1000 | 16.0 | 88.6 | 93.4 | 97.3 | 98.6 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 16.0 | 88.6 | 93.4 | 97.3 | 98.6 | 98.9 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | 16.0 | 88.8 | 93.8 | 97.6 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 16.0 | 88.8 | 93.8 | 97.6 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 16.0 | 88.8 | 93.8 | 97.6 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 16.0 | 88.8 | 93.8 | 97.6 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 16.0 | 88.8 | 93.8 | 97.6 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 16.0 | 88.8 | 93.8 | 97.6 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 16.0 | 88.8 | 93.8 | 97.6 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 16.0 | 88.8 | 93.8 | 97.6 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 16.0 | 88.8 | 93.8 | 97.6 | 98.9 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 625

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76,78-84
MONTH: SEP HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 1.4 | 34.0 | 45.8 | 51.4 | 54.2 | 56.6 | 60.8 | 61.8 | 62.3 | 63.7 | 63.7 | 64.2 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 20000 | 1.4 | 35.8 | 49.5 | 55.2 | 58.0 | 60.4 | 64.6 | 65.6 | 66.0 | 67.5 | 67.5 | 67.9 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 18000 | 1.4 | 35.8 | 49.5 | 55.2 | 58.0 | 60.4 | 64.6 | 65.6 | 66.0 | 67.5 | 67.5 | 67.9 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 16000 | 1.4 | 35.8 | 49.5 | 55.2 | 58.0 | 60.4 | 64.6 | 66.0 | 66.5 | 67.9 | 67.9 | 68.4 | 68.9 | 68.9 | 68.9 | 68.9 |
| GE 14000 | 1.4 | 35.8 | 49.5 | 55.2 | 58.0 | 60.4 | 64.6 | 66.0 | 66.5 | 67.9 | 67.9 | 68.4 | 68.9 | 68.9 | 68.9 | 68.9 |
| GE 12000 | 1.4 | 36.3 | 50.0 | 56.1 | 59.0 | 61.3 | 65.6 | 67.0 | 67.5 | 68.9 | 68.9 | 69.3 | 69.8 | 69.8 | 69.8 | 69.8 |
| GE 10000 | 1.4 | 38.7 | 52.8 | 59.9 | 63.2 | 65.6 | 69.8 | 71.2 | 71.7 | 73.1 | 73.1 | 73.6 | 74.1 | 74.1 | 74.1 | 74.1 |
| GE 9000 | 1.4 | 39.2 | 53.3 | 60.4 | 63.7 | 66.0 | 70.3 | 71.7 | 72.2 | 73.6 | 73.6 | 74.1 | 74.5 | 74.5 | 74.5 | 74.5 |
| GE 8000 | 1.4 | 41.5 | 56.1 | 63.2 | 66.5 | 68.9 | 73.1 | 75.0 | 75.5 | 76.9 | 76.9 | 77.4 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 7000 | 1.4 | 41.5 | 56.1 | 63.2 | 66.5 | 68.9 | 73.1 | 75.0 | 75.5 | 76.9 | 76.9 | 77.4 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 6000 | 1.4 | 42.0 | 56.6 | 63.7 | 67.0 | 69.3 | 73.6 | 75.5 | 75.9 | 77.4 | 77.4 | 77.8 | 78.3 | 78.3 | 78.3 | 78.3 |
| GE 5000 | 1.4 | 42.5 | 57.5 | 64.6 | 67.9 | 70.3 | 74.5 | 76.4 | 76.9 | 78.3 | 78.3 | 78.8 | 79.2 | 79.2 | 79.2 | 79.2 |
| GE 4500 | 1.4 | 42.5 | 57.5 | 64.6 | 68.4 | 70.8 | 75.0 | 76.9 | 77.4 | 78.8 | 78.8 | 79.2 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 4000 | 1.4 | 43.9 | 59.4 | 66.5 | 70.3 | 72.6 | 76.9 | 78.8 | 79.2 | 80.7 | 80.7 | 81.1 | 81.6 | 81.6 | 81.6 | 81.6 |
| GE 3500 | 1.4 | 44.3 | 60.4 | 67.5 | 71.2 | 73.6 | 77.8 | 79.7 | 80.2 | 81.6 | 81.6 | 82.1 | 82.5 | 82.5 | 82.5 | 82.5 |
| GE 3000 | 1.4 | 46.2 | 62.3 | 69.8 | 74.1 | 76.4 | 80.7 | 82.5 | 83.0 | 84.4 | 84.4 | 84.9 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 2500 | 1.4 | 46.2 | 63.2 | 70.8 | 75.0 | 77.4 | 81.6 | 83.5 | 84.0 | 85.4 | 85.4 | 85.8 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 2000 | 1.4 | 46.2 | 63.2 | 71.2 | 75.5 | 77.8 | 82.1 | 84.0 | 84.4 | 85.8 | 85.8 | 86.3 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 1800 | 1.4 | 46.7 | 63.7 | 71.7 | 75.9 | 78.3 | 82.5 | 84.4 | 84.9 | 86.3 | 86.3 | 86.8 | 87.3 | 87.3 | 87.3 | 87.3 |
| GE 1500 | 1.9 | 48.1 | 65.6 | 73.6 | 77.8 | 80.2 | 84.4 | 86.3 | 86.8 | 88.2 | 88.2 | 88.7 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 1200 | 2.4 | 48.6 | 66.0 | 74.5 | 79.2 | 81.6 | 85.8 | 87.7 | 88.2 | 89.6 | 89.6 | 90.1 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 1000 | 2.4 | 49.1 | 67.0 | 75.5 | 80.2 | 83.0 | 87.3 | 89.2 | 89.6 | 91.0 | 91.0 | 91.5 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 900 | 2.4 | 49.5 | 67.5 | 75.9 | 81.6 | 84.4 | 88.7 | 90.6 | 91.0 | 92.5 | 92.5 | 92.9 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 800 | 2.4 | 49.5 | 67.5 | 75.9 | 82.1 | 84.9 | 89.2 | 91.0 | 91.5 | 92.9 | 92.9 | 93.4 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 700 | 2.4 | 50.5 | 68.4 | 76.9 | 83.0 | 85.8 | 90.1 | 92.0 | 92.5 | 93.9 | 93.9 | 94.3 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 600 | 2.4 | 50.5 | 68.9 | 77.4 | 83.5 | 86.3 | 90.6 | 92.5 | 92.9 | 94.3 | 94.3 | 94.8 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 500 | 2.4 | 50.5 | 69.8 | 78.8 | 85.4 | 88.2 | 92.5 | 94.8 | 95.3 | 96.7 | 96.7 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 400 | 2.4 | 50.9 | 70.3 | 79.2 | 86.3 | 89.2 | 93.9 | 96.2 | 96.7 | 98.1 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 300 | 2.4 | 50.9 | 70.3 | 79.2 | 86.3 | 89.2 | 93.9 | 96.2 | 96.7 | 98.1 | 98.1 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 200 | 2.4 | 50.9 | 70.3 | 79.2 | 86.3 | 89.2 | 93.9 | 96.2 | 96.7 | 98.1 | 98.1 | 98.6 | 99.1 | 99.1 | 99.5 | 100.0 |
| GE 100 | 2.4 | 50.9 | 70.3 | 79.2 | 86.3 | 89.2 | 93.9 | 96.2 | 96.7 | 98.1 | 98.1 | 98.6 | 99.1 | 99.1 | 99.5 | 100.0 |
| GE 0 | 2.4 | 50.9 | 70.3 | 79.2 | 86.3 | 89.2 | 93.9 | 96.2 | 96.7 | 98.1 | 98.1 | 98.6 | 99.1 | 99.1 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 212

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 3.4 | 35.2 | 41.9 | 46.2 | 49.6 | 51.1 | 52.9 | 54.1 | 54.4 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.1 | 55.4 |
| GE 20000 | 3.4 | 37.2 | 44.2 | 48.9 | 52.8 | 54.4 | 56.4 | 57.7 | 58.0 | 58.4 | 58.4 | 58.4 | 58.7 | 58.7 | 58.7 | 59.1 |
| GE 18000 | 3.4 | 37.3 | 44.3 | 49.0 | 52.9 | 54.6 | 56.6 | 57.8 | 58.1 | 58.6 | 58.6 | 58.6 | 58.8 | 58.8 | 58.8 | 59.2 |
| GE 16000 | 3.4 | 37.3 | 44.4 | 49.1 | 53.0 | 54.7 | 56.7 | 57.9 | 58.2 | 58.7 | 58.7 | 58.7 | 58.9 | 58.9 | 58.9 | 59.3 |
| GE 14000 | 3.4 | 37.8 | 44.9 | 49.7 | 53.7 | 55.3 | 57.3 | 58.6 | 58.9 | 59.3 | 59.3 | 59.3 | 59.6 | 59.6 | 59.6 | 60.0 |
| GE 12000 | 3.6 | 39.1 | 46.4 | 51.6 | 55.7 | 57.3 | 59.4 | 60.7 | 61.0 | 61.6 | 61.6 | 61.6 | 61.8 | 61.8 | 61.8 | 62.2 |
| GE 10000 | 3.7 | 40.9 | 49.1 | 54.9 | 59.1 | 60.9 | 63.1 | 64.6 | 65.0 | 65.6 | 65.6 | 65.7 | 66.0 | 66.0 | 66.0 | 66.4 |
| GE 9000 | 3.7 | 41.3 | 49.7 | 55.4 | 59.9 | 61.8 | 64.1 | 65.7 | 66.1 | 66.7 | 66.7 | 66.8 | 67.1 | 67.1 | 67.1 | 67.6 |
| GE 8000 | 3.7 | 43.6 | 52.0 | 58.9 | 63.3 | 65.6 | 67.9 | 69.4 | 70.0 | 70.7 | 70.7 | 70.8 | 71.2 | 71.2 | 71.2 | 71.7 |
| GE 7000 | 3.7 | 43.6 | 52.[illegible] | 59.1 | 63.8 | 66.0 | 68.3 | 69.9 | 70.4 | 71.1 | 71.1 | 71.2 | 71.7 | 71.7 | 71.7 | 72.1 |
| GE 6000 | 3.7 | 44.2 | 54.[illegible] | 60.3 | 65.1 | 67.3 | 69.7 | 71.3 | 71.9 | 72.6 | 72.6 | 72.7 | 73.1 | 73.1 | 73.1 | 73.6 |
| GE 5000 | 3.7 | 44.8 | 54.9 | 61.3 | 66.2 | 68.4 | 70.8 | 72.4 | 73.0 | 73.7 | 73.7 | 73.8 | 74.2 | 74.2 | 74.2 | 74.7 |
| GE 4500 | 3.7 | 45.4 | 55.6 | 62.1 | 67.1 | 69.3 | 71.7 | 73.3 | 73.9 | 74.6 | 74.6 | 74.7 | 75.1 | 75.1 | 75.1 | 75.6 |
| GE 4000 | 3.7 | 45.9 | 56.4 | 63.0 | 68.2 | 70.4 | 72.8 | 74.4 | 75.0 | 75.7 | 75.7 | 75.8 | 76.2 | 76.2 | 76.2 | 76.7 |
| GE 3500 | 3.7 | 46.4 | 57.0 | 63.8 | 69.2 | 71.4 | 73.9 | 75.6 | 76.1 | 76.8 | 76.8 | 76.9 | 77.3 | 77.3 | 77.3 | 77.8 |
| GE 3000 | 3.8 | 47.2 | 58.9 | 64.7 | 70.2 | 72.4 | 75.0 | 76.7 | 77.2 | 77.9 | 77.9 | 78.0 | 78.4 | 78.4 | 78.4 | 78.9 |
| GE 2500 | 3.8 | 48.3 | 59.2 | 66.2 | 71.8 | 74.0 | 76.6 | 78.2 | 78.8 | 79.4 | 79.4 | 79.6 | 80.0 | 80.1 | 80.1 | 80.6 |
| GE 2000 | 3.8 | 49.6 | 60.6 | 67.6 | 73.1 | 75.3 | 77.9 | 79.6 | 80.1 | 80.8 | 80.8 | 80.9 | 81.3 | 81.4 | 81.4 | 81.9 |
| GE 1800 | 4.0 | 50.0 | 61.1 | 68.1 | 73.7 | 75.9 | 78.4 | 80.1 | 80.7 | 81.3 | 81.3 | 81.4 | 81.9 | 82.0 | 82.0 | 82.4 |
| GE 1500 | 4.0 | 51.1 | 62.3 | 69.4 | 75.0 | 77.2 | 79.9 | 81.6 | 82.1 | 82.8 | 82.8 | 82.9 | 83.3 | 83.4 | 83.4 | 83.9 |
| GE 1200 | 4.1 | 52.0 | 63.3 | 70.4 | 76.0 | 78.2 | 81.0 | 82.7 | 83.2 | 83.9 | 83.9 | 84.0 | 84.4 | 84.6 | 84.6 | 85.0 |
| GE 1000 | 4.1 | 53.0 | 64.9 | 72.1 | 77.9 | 80.1 | 82.9 | 84.9 | 85.4 | 86.1 | 86.1 | 86.2 | 86.7 | 86.8 | 86.8 | 87.2 |
| GE 900 | 4.1 | 54.6 | 66.8 | 74.3 | 80.2 | 82.4 | 85.2 | 87.3 | 88.0 | 88.7 | 88.7 | 88.8 | 89.2 | 89.3 | 89.3 | 89.8 |
| GE 800 | 4.1 | 54.8 | 67.1 | 75.0 | 80.9 | 83.1 | 86.0 | 88.1 | 88.8 | 89.4 | 89.6 | 89.7 | 90.1 | 90.2 | 90.2 | 90.7 |
| GE 700 | 4.1 | 55.9 | 68.6 | 76.9 | 82.8 | 85.3 | 88.2 | 90.3 | 91.0 | 91.7 | 91.8 | 91.9 | 92.3 | 92.4 | 92.4 | 92.[illegible] |
| GE 600 | 4.1 | 56.6 | 69.2 | 77.8 | 84.0 | 86.7 | 89.7 | 91.9 | 92.6 | 93.2 | 93.3 | 93.4 | 93.9 | 94.0 | 94.0 | 94.4 |
| GE 500 | 4.1 | 56.9 | 70.0 | 78.8 | 85.4 | 88.1 | 91.2 | 93.7 | 94.6 | 95.2 | 95.3 | 95.4 | 95.9 | 96.0 | 96.0 | 96.4 |
| GE 400 | 4.1 | 56.9 | 70.0 | 78.9 | 86.0 | 88.7 | 92.2 | 95.1 | 96.0 | 96.7 | 96.9 | 97.0 | 97.6 | 97.7 | 97.7 | 98.3 |
| GE 300 | 4.1 | 56.9 | 70.0 | 78.9 | 86.1 | 88.8 | 92.3 | 95.7 | 96.6 | 97.3 | 97.7 | 97.8 | 98.6 | 98.7 | 98.7 | 99.4 |
| GE 200 | 4.1 | 56.9 | 70.0 | 78.9 | 86.1 | 88.8 | 92.3 | 95.7 | 96.6 | 97.3 | 97.8 | 97.9 | 98.7 | 98.9 | 99.1 | 99.9 |
| GE 100 | 4.1 | 56.9 | 70.0 | 78.9 | 86.1 | 88.8 | 92.3 | 95.7 | 96.6 | 97.3 | 97.8 | 97.9 | 98.7 | 98.9 | 99.1 | 100.0 |
| GE 0 | 4.1 | 56.9 | 70.0 | 78.9 | 86.1 | 88.8 | 92.3 | 95.7 | 96.6 | 97.3 | 97.8 | 97.9 | 98.7 | 98.9 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 7.2 | 50.6 | 54.0 | 55.9 | 56.7 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| GE 20000 | 7.8 | 54.8 | 58.4 | 60.6 | 61.3 | 61.4 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| GE 18000 | 7.9 | 55.0 | 58.8 | 60.9 | 61.7 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| GE 16000 | 7.9 | 55.2 | 59.0 | 61.2 | 62.0 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 14000 | 8.0 | 55.3 | 59.1 | 61.3 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| GE 12000 | 8.1 | 57.2 | 61.3 | 63.6 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 10000 | 8.8 | 61.2 | 66.0 | 68.4 | 69.6 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| GE 9000 | 8.9 | 61.7 | 66.6 | 69.0 | 70.2 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 8000 | 9.2 | 64.2 | 69.6 | 72.1 | 73.3 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| GE 7000 | 9.2 | 64.4 | 69.9 | 72.4 | 73.7 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 6000 | 9.3 | 65.0 | 70.7 | 73.2 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| GE 5000 | 9.3 | 65.7 | 71.3 | 73.9 | 75.1 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| GE 4500 | 9.6 | 66.1 | 72.1 | 74.8 | 76.0 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 4000 | 9.8 | 67.2 | 73.4 | 76.2 | 77.4 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 3500 | 10.4 | 68.4 | 74.7 | 77.6 | 78.8 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 3000 | 10.9 | 70.4 | 76.7 | 79.6 | 80.8 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 2500 | 10.9 | 73.0 | 79.7 | 82.7 | 83.9 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| GE 2000 | 11.1 | 75.0 | 81.8 | 84.9 | 86.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 1800 | 11.1 | 75.2 | 82.0 | 85.2 | 86.4 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 1500 | 11.3 | 78.6 | 86.0 | 89.2 | 90.6 | 90.8 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 1200 | 11.4 | 80.4 | 88.3 | 92.0 | 93.6 | 93.8 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 1000 | 11.4 | 81.6 | 89.8 | 93.4 | 95.2 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 900 | 11.4 | 82.0 | 90.7 | 94.3 | 96.3 | 96.7 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 800 | 11.4 | 82.0 | 90.8 | 94.6 | 96.6 | 96.9 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 700 | 11.7 | 82.2 | 91.0 | 94.8 | 96.8 | 97.1 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 600 | 11.8 | 82.6 | 91.4 | 95.3 | 97.4 | 97.8 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 500 | 11.8 | 82.8 | 91.8 | 95.7 | 97.9 | 98.2 | 99.1 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 11.8 | 82.8 | 91.8 | 95.8 | 98.1 | 98.4 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 11.8 | 82.8 | 91.8 | 95.8 | 98.1 | 98.4 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 11.8 | 82.8 | 91.8 | 95.8 | 98.1 | 98.4 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 11.8 | 82.8 | 91.8 | 95.8 | 98.1 | 98.4 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 11.8 | 82.8 | 91.8 | 95.8 | 98.1 | 98.4 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 9.9 | 50.2 | 52.4 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| GE 20000 | 11.0 | 57.8 | 60.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| GE 18000 | 11.0 | 57.8 | 60.1 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| GE 16000 | 11.0 | 57.9 | 60.2 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| GE 14000 | 11.6 | 58.9 | 61.6 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| GE 12000 | 12.3 | 60.9 | 63.6 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| GE 10000 | 13.2 | 64.7 | 67.3 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| GE 9000 | 13.3 | 65.1 | 67.8 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| GE 8000 | 13.9 | 69.1 | 72.3 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| GE 7000 | 14.0 | 69.8 | 73.0 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| GE 6000 | 14.6 | 70.3 | 73.6 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 5000 | 14.7 | 70.6 | 73.8 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| GE 4500 | 14.7 | 71.0 | 74.2 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| GE 4000 | 15.0 | 74.1 | 77.6 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| GE 3500 | 15.6 | 78.8 | 82.3 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 3000 | 17.2 | 85.4 | 89.0 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 2500 | 17.6 | 87.2 | 90.9 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 2000 | 17.7 | 88.7 | 92.6 | 93.7 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 1800 | 17.7 | 88.9 | 92.9 | 94.0 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 1500 | 17.7 | 89.3 | 93.9 | 95.0 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 1200 | 17.7 | 90.0 | 94.1 | 95.3 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 1000 | 17.8 | 90.7 | 94.9 | 96.2 | 96.9 | 97.0 | 97.1 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 900 | 19.0 | 91.1 | 95.3 | 96.7 | 97.3 | 97.4 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 800 | 18.1 | 91.4 | 95.7 | 97.1 | 98.2 | 98.3 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 700 | 18.1 | 91.4 | 95.7 | 97.2 | 98.3 | 98.4 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 600 | 18.1 | 91.4 | 95.7 | 97.2 | 98.4 | 98.6 | 98.9 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 500 | 18.1 | 91.6 | 95.9 | 97.4 | 98.8 | 99.0 | 99.3 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 18.1 | 91.6 | 95.9 | 97.4 | 98.8 | 99.0 | 99.3 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 18.1 | 91.6 | 95.9 | 97.4 | 98.8 | 99.0 | 99.3 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 18.1 | 91.6 | 95.9 | 97.4 | 98.8 | 99.0 | 99.3 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 18.1 | 91.6 | 95.9 | 97.4 | 98.8 | 99.0 | 99.3 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 18.1 | 91.6 | 95.9 | 97.4 | 98.8 | 99.0 | 99.3 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 11.8 | 52.3 | 54.3 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| GE 20000 | 14.7 | 63.4 | 65.7 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| GE 18000 | 14.8 | 63.8 | 66.0 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| GE 16000 | 14.8 | 63.8 | 66.0 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| GE 14000 | 14.9 | 64.9 | 67.3 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| GE 12000 | 15.4 | 68.2 | 70.9 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 10000 | 16.4 | 71.9 | 74.6 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| GE 9000 | 16.4 | 72.2 | 75.0 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| GE 8000 | 16.9 | 78.2 | 81.3 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 7000 | 16.9 | 78.6 | 81.7 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| GE 6000 | 17.0 | 79.0 | 82.1 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 5000 | 17.3 | 80.0 | 83.2 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| GE 4500 | 17.4 | 80.7 | 83.9 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| GE 4000 | 18.1 | 83.1 | 86.3 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 3500 | 18.6 | 85.0 | 88.4 | 89.3 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| GE 3000 | 19.1 | 88.7 | 92.3 | 93.3 | 93.6 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 2500 | 19.7 | 89.8 | 93.4 | 94.6 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 2000 | 19.7 | 90.1 | 94.0 | 95.1 | 95.4 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 1800 | 19.7 | 90.2 | 94.1 | 95.2 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 1500 | 19.9 | 91.0 | 94.9 | 96.0 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 1200 | 20.1 | 91.6 | 95.4 | 96.6 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 1000 | 20.2 | 92.2 | 96.1 | 97.2 | 97.9 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 900 | 20.3 | 92.7 | 96.6 | 97.7 | 98.3 | 98.4 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 800 | 20.3 | 92.8 | 96.7 | 97.8 | 98.6 | 98.7 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 700 | 20.3 | 92.9 | 96.8 | 97.9 | 98.7 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 600 | 20.3 | 93.0 | 97.0 | 98.1 | 98.9 | 99.0 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 20.3 | 93.0 | 97.2 | 98.3 | 99.1 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 20.3 | 93.0 | 97.2 | 98.3 | 99.1 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 300 | 20.3 | 93.0 | 97.2 | 98.3 | 99.1 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 200 | 20.3 | 93.0 | 97.2 | 98.3 | 99.1 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 100 | 20.3 | 93.0 | 97.2 | 98.3 | 99.1 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 0 | 20.3 | 93.0 | 97.2 | 98.3 | 99.1 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 8.6 | 54.8 | 58.6 | 59.3 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| GE 20000 | 10.6 | 64.5 | 68.6 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 18000 | 10.6 | 64.5 | 68.6 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 16000 | 10.6 | 64.5 | 68.6 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 14000 | 10.6 | 65.1 | 69.2 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 12000 | 11.1 | 68.5 | 72.7 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| GE 10000 | 12.0 | 73.5 | 78.3 | 79.2 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| GE 9000 | 12.0 | 74.2 | 79.1 | 80.0 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 8000 | 12.6 | 78.5 | 83.4 | 84.5 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| GE 7000 | 12.8 | 79.1 | 84.0 | 85.1 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| GE 6000 | 13.0 | 79.9 | 84.8 | 85.9 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 5000 | 13.5 | 81.1 | 86.0 | 87.1 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| GE 4500 | 13.7 | 82.2 | 87.1 | 88.2 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 4000 | 13.9 | 83.4 | 88.3 | 89.4 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 3500 | 14.1 | 84.5 | 89.5 | 91.1 | 91.4 | 91.4 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 3000 | 14.2 | 86.2 | 91.3 | 92.9 | 93.3 | 93.3 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 2500 | 14.2 | 87.1 | 92.2 | 93.8 | 94.2 | 94.2 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 2000 | 14.2 | 87.9 | 93.2 | 94.8 | 95.2 | 95.2 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 1800 | 14.2 | 88.1 | 93.4 | 95.0 | 95.8 | 95.8 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 1500 | 14.2 | 88.4 | 93.8 | 95.3 | 96.1 | 96.1 | 96.4 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 1200 | 14.2 | 88.8 | 94.1 | 95.8 | 96.6 | 96.6 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 1000 | 14.2 | 89.2 | 94.7 | 96.7 | 97.4 | 97.4 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 900 | 14.2 | 89.2 | 94.8 | 96.9 | 97.7 | 97.7 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 800 | 14.2 | 89.2 | 94.9 | 97.0 | 97.8 | 97.8 | 98.3 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 700 | 14.2 | 89.3 | 95.0 | 97.1 | 98.0 | 98.0 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 600 | 14.2 | 89.5 | 95.2 | 97.6 | 98.4 | 98.4 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 14.2 | 89.5 | 95.2 | 97.6 | 98.6 | 98.6 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | 14.2 | 89.5 | 95.2 | 97.6 | 98.6 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 14.2 | 89.5 | 95.2 | 97.6 | 98.6 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 14.2 | 89.5 | 95.2 | 97.6 | 98.6 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 14.2 | 89.5 | 95.2 | 97.6 | 98.6 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 14.2 | 89.5 | 95.2 | 97.6 | 98.6 | 98.6 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 8.3 | 62.1 | 66.0 | 66.0 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| GE 20000 | 8.9 | 70.2 | 74.4 | 74.7 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 18000 | 8.9 | 70.2 | 74.4 | 74.7 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 16000 | 8.9 | 70.2 | 74.4 | 74.7 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 14000 | 8.9 | 70.6 | 75.0 | 75.4 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| GE 12000 | 9.4 | 73.7 | 78.3 | 78.7 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| GE 10000 | 9.8 | 77.9 | 82.8 | 83.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 9000 | 9.8 | 79.0 | 84.0 | 84.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| GE 8000 | 10.4 | 82.0 | 86.9 | 87.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| GE 7000 | 10.4 | 82.0 | 86.9 | 87.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| GE 6000 | 10.4 | 82.3 | 87.3 | 87.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 5000 | 11.1 | 83.6 | 88.6 | 89.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 4500 | 11.1 | 84.5 | 89.4 | 90.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 4000 | 11.4 | 85.5 | 90.4 | 91.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 3500 | 11.4 | 86.6 | 91.7 | 92.7 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 3000 | 11.4 | 86.6 | 91.7 | 92.7 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 2500 | 11.4 | 87.1 | 92.2 | 93.2 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 2000 | 11.4 | 87.8 | 93.1 | 94.2 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 1800 | 11.4 | 87.8 | 93.1 | 94.2 | 95.5 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 1500 | 11.4 | 87.8 | 93.2 | 94.4 | 96.0 | 96.2 | 96.2 | 96.5 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 1200 | 11.4 | 88.1 | 93.6 | 94.7 | 96.4 | 96.5 | 96.5 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 1000 | 11.4 | 88.9 | 94.5 | 95.9 | 97.5 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 900 | 11.4 | 88.9 | 94.7 | 96.0 | 98.0 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 800 | 11.4 | 89.4 | 95.2 | 96.5 | 98.7 | 98.8 | 99.0 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 700 | 11.4 | 89.4 | 95.2 | 96.5 | 98.7 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 600 | 11.4 | 89.4 | 95.2 | 96.5 | 98.7 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 11.4 | 89.4 | 95.2 | 96.5 | 98.7 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 11.4 | 89.4 | 95.2 | 96.5 | 98.7 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 300 | 11.4 | 89.4 | 95.2 | 96.5 | 98.7 | 98.8 | 99.2 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 11.4 | 89.4 | 95.2 | 96.5 | 98.7 | 98.8 | 99.2 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 11.4 | 89.4 | 95.2 | 96.5 | 98.7 | 98.8 | 99.2 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 11.4 | 89.4 | 95.2 | 96.5 | 98.7 | 98.8 | 99.2 | 99.5 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 605

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 76-84
MONTH: OCT HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 13.4 | 51.0 | 58.2 | 61.3 | 61.3 | 62.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.9 | 63.9 | 63.9 | 64.4 |
| GE 20000 | 13.9 | 54.1 | 61.3 | 64.4 | 64.4 | 65.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 67.0 | 67.0 | 67.0 | 67.5 |
| GE 18000 | 13.9 | 54.1 | 61.3 | 64.4 | 64.4 | 65.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 67.0 | 67.0 | 67.0 | 67.5 |
| GE 16000 | 13.9 | 54.1 | 61.3 | 64.4 | 64.4 | 65.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 67.0 | 67.0 | 67.0 | 67.5 |
| GE 14000 | 13.9 | 54.1 | 61.3 | 64.4 | 64.4 | 65.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 67.0 | 67.0 | 67.0 | 67.5 |
| GE 12000 | 13.9 | 54.6 | 61.9 | 65.5 | 65.5 | 66.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 68.0 | 68.0 | 68.0 | 68.6 |
| GE 10000 | 13.9 | 54.6 | 62.9 | 67.0 | 67.0 | 68.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.6 | 69.6 | 69.6 | 70.1 |
| GE 9000 | 13.9 | 55.7 | 63.9 | 68.0 | 68.0 | 69.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.6 | 70.6 | 70.6 | 71.1 |
| GE 8000 | 13.9 | 57.2 | 67.0 | 71.1 | 71.1 | 72.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.7 | 73.7 | 73.7 | 74.2 |
| GE 7000 | 13.9 | 57.2 | 67.0 | 71.6 | 71.6 | 72.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 74.2 | 74.2 | 74.2 | 74.7 |
| GE 6000 | 13.9 | 57.7 | 67.5 | 72.2 | 72.2 | 73.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.7 | 74.7 | 74.7 | 75.3 |
| GE 5000 | 13.9 | 59.3 | 69.6 | 74.2 | 74.2 | 75.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.8 | 76.8 | 76.8 | 77.3 |
| GE 4500 | 13.9 | 59.8 | 70.1 | 75.3 | 75.3 | 76.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.8 | 77.8 | 77.8 | 78.4 |
| GE 4000 | 13.9 | 60.3 | 70.6 | 75.8 | 75.8 | 76.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 78.4 | 78.4 | 78.4 | 78.9 |
| GE 3500 | 13.9 | 60.3 | 70.6 | 75.8 | 75.8 | 76.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 78.4 | 78.4 | 78.4 | 78.9 |
| GE 3000 | 13.9 | 60.8 | 71.6 | 76.8 | 76.8 | 77.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.4 | 79.4 | 79.4 | 79.9 |
| GE 2500 | 14.4 | 62.9 | 74.7 | 79.9 | 79.9 | 80.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.5 | 82.5 | 82.5 | 83.0 |
| GE 2000 | 14.9 | 64.4 | 76.8 | 82.5 | 82.5 | 84.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.6 | 85.6 | 85.6 | 86.1 |
| GE 1800 | 14.9 | 64.4 | 76.8 | 82.5 | 82.5 | 84.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.6 | 85.6 | 85.6 | 86.1 |
| GE 1500 | 14.9 | 66.0 | 78.9 | 84.5 | 84.5 | 86.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.6 | 87.6 | 87.6 | 88.1 |
| GE 1200 | 14.9 | 67.0 | 80.4 | 86.1 | 86.6 | 88.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.7 | 89.7 | 89.7 | 90.2 |
| GE 1000 | 14.9 | 67.5 | 80.9 | 86.6 | 87.6 | 89.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.7 | 90.7 | 90.7 | 91.2 |
| GE 900 | 14.9 | 68.0 | 82.0 | 87.6 | 88.7 | 90.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.8 | 91.8 | 91.8 | 92.3 |
| GE 800 | 14.9 | 68.0 | 82.5 | 88.1 | 89.2 | 90.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.3 | 92.3 | 92.3 | 92.8 |
| GE 700 | 14.9 | 68.0 | 82.5 | 88.1 | 89.7 | 91.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.8 | 92.8 | 92.8 | 93.3 |
| GE 600 | 14.9 | 68.6 | 83.5 | 89.2 | 91.2 | 92.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 95.9 |
| GE 500 | 14.9 | 68.6 | 83.5 | 89.2 | 91.2 | 92.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 95.4 | 95.4 | 95.4 | 95.9 |
| GE 400 | 14.9 | 68.6 | 83.5 | 89.2 | 91.8 | 93.3 | 95.4 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.4 | 96.4 | 96.4 | 96.9 |
| GE 300 | 14.9 | 68.6 | 83.5 | 89.2 | 92.3 | 93.8 | 95.9 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.9 | 96.9 | 96.9 | 97.4 |
| GE 200 | 14.9 | 68.6 | 83.5 | 89.2 | 92.3 | 93.8 | 95.9 | 96.9 | 96.9 | 96.9 | 97.9 | 97.9 | 98.5 | 98.5 | 98.5 | 99.0 |
| GE 100 | 14.9 | 68.6 | 83.5 | 89.2 | 92.3 | 93.8 | 95.9 | 96.9 | 96.9 | 96.9 | 97.9 | 97.9 | 98.5 | 98.5 | 99.0 | 99.5 |
| GE 0 | 14.9 | 68.6 | 83.5 | 89.2 | 92.3 | 93.8 | 95.9 | 96.9 | 96.9 | 96.9 | 97.9 | 97.9 | 98.5 | 98.5 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 10.2 | 43.7 | 49.5 | 53.2 | 56.2 | 57.3 | 59.0 | 60.1 | 60.3 | 60.8 | 61.1 | 61.1 | 61.7 | 61.7 | 61.7 | 61.8 |
| GE 20000 | 10.3 | 46.6 | 52.8 | 56.9 | 59.9 | 61.0 | 62.9 | 63.9 | 64.2 | 64.6 | 64.9 | 64.9 | 65.6 | 65.6 | 65.6 | 65.7 |
| GE 18000 | 10.3 | 46.6 | 52.8 | 56.9 | 60.0 | 61.1 | 63.0 | 64.1 | 64.3 | 64.7 | 65.0 | 65.0 | 65.7 | 65.7 | 65.7 | 65.8 |
| GE 16000 | 10.3 | 46.6 | 52.8 | 56.9 | 60.0 | 61.1 | 63.0 | 64.1 | 64.3 | 64.7 | 65.0 | 65.0 | 65.7 | 65.7 | 65.7 | 65.8 |
| GE 14000 | 10.3 | 46.6 | 52.8 | 56.9 | 60.0 | 61.1 | 63.0 | 64.1 | 64.3 | 64.7 | 65.0 | 65.0 | 65.7 | 65.7 | 65.7 | 65.8 |
| GE 12000 | 10.5 | 47.2 | 53.4 | 57.4 | 60.6 | 61.7 | 63.5 | 64.6 | 64.8 | 65.3 | 65.6 | 65.6 | 66.2 | 66.2 | 66.2 | 66.3 |
| GE 10000 | 10.5 | 48.5 | 54.7 | 58.8 | 62.1 | 63.2 | 65.0 | 66.1 | 66.3 | 66.8 | 67.1 | 67.1 | 67.8 | 67.8 | 67.8 | 67.9 |
| GE 9000 | 10.5 | 49.0 | 55.3 | 59.5 | 62.7 | 63.8 | 65.7 | 66.8 | 67.0 | 67.4 | 67.8 | 67.8 | 68.4 | 68.4 | 68.4 | 68.5 |
| GE 8000 | 10.6 | 51.1 | 57.6 | 61.8 | 65.1 | 66.3 | 68.2 | 69.5 | 69.7 | 70.2 | 70.5 | 70.5 | 71.1 | 71.1 | 71.1 | 71.2 |
| GE 7000 | 10.6 | 51.1 | 57.6 | 61.9 | 65.3 | 66.4 | 68.3 | 69.6 | 69.8 | 70.3 | 70.6 | 70.6 | 71.2 | 71.2 | 71.2 | 71.4 |
| GE 6000 | 10.6 | 51.9 | 58.4 | 62.7 | 66.3 | 67.5 | 69.4 | 70.8 | 71.0 | 71.5 | 71.8 | 71.8 | 72.4 | 72.4 | 72.4 | 72.5 |
| GE 5000 | 10.8 | 53.4 | 60.0 | 64.4 | 68.3 | 69.5 | 71.4 | 72.8 | 73.0 | 73.4 | 73.7 | 73.7 | 74.4 | 74.4 | 74.4 | 74.5 |
| GE 4500 | 10.8 | 53.5 | 60.3 | 64.7 | 68.6 | 69.8 | 71.9 | 73.3 | 73.5 | 74.0 | 74.3 | 74.3 | 74.9 | 74.9 | 74.9 | 75.1 |
| GE 4000 | 10.8 | 54.0 | 60.9 | 65.3 | 69.2 | 70.5 | 72.5 | 74.0 | 74.2 | 74.6 | 74.9 | 74.9 | 75.6 | 75.6 | 75.6 | 75.7 |
| GE 3500 | 10.8 | 54.4 | 61.3 | 65.7 | 69.6 | 70.9 | 73.0 | 74.5 | 74.7 | 75.2 | 75.5 | 75.5 | 76.1 | 76.1 | 76.1 | 76.3 |
| GE 3000 | 10.9 | 55.2 | 62.2 | 66.6 | 70.5 | 71.8 | 74.0 | 75.5 | 75.7 | 76.1 | 76.5 | 76.5 | 77.2 | 77.2 | 77.2 | 77.3 |
| GE 2500 | 10.9 | 56.5 | 63.8 | 68.3 | 72.3 | 73.6 | 75.8 | 77.3 | 77.6 | 78.0 | 78.3 | 78.3 | 79.1 | 79.1 | 79.1 | 79.2 |
| GE 2000 | 11.2 | 58.4 | 65.9 | 70.5 | 74.8 | 76.3 | 78.4 | 80.1 | 80.3 | 80.7 | 81.0 | 81.0 | 81.8 | 81.8 | 81.8 | 81.9 |
| GE 1800 | 11.2 | 59.2 | 66.7 | 71.2 | 75.6 | 77.0 | 79.2 | 80.8 | 81.0 | 81.5 | 81.8 | 81.8 | 82.6 | 82.6 | 82.6 | 82.7 |
| GE 1500 | 11.3 | 60.5 | 68.5 | 73.3 | 77.9 | 79.3 | 81.5 | 83.1 | 83.3 | 83.8 | 84.1 | 84.1 | 84.9 | 84.9 | 84.9 | 85.0 |
| GE 1200 | 11.4 | 62.4 | 70.7 | 75.6 | 80.5 | 81.9 | 84.3 | 85.9 | 86.2 | 86.6 | 86.9 | 86.9 | 87.7 | 87.7 | 87.7 | 87.8 |
| GE 1000 | 11.4 | 63.9 | 72.4 | 77.3 | 82.5 | 83.9 | 86.3 | 87.9 | 88.1 | 88.6 | 88.9 | 88.9 | 89.7 | 89.7 | 89.7 | 89.8 |
| GE 900 | 11.4 | 64.8 | 73.5 | 78.4 | 83.6 | 85.0 | 87.5 | 89.1 | 89.3 | 89.8 | 90.1 | 90.1 | 90.8 | 90.8 | 90.8 | 91.0 |
| GE 800 | 11.4 | 65.6 | 74.7 | 80.2 | 85.4 | 86.9 | 89.7 | 91.4 | 91.6 | 92.0 | 92.4 | 92.4 | 93.1 | 93.1 | 93.1 | 93.2 |
| GE 700 | 11.4 | 65.7 | 75.2 | 80.8 | 86.4 | 88.0 | 90.7 | 92.6 | 92.8 | 93.2 | 93.6 | 93.6 | 94.3 | 94.3 | 94.3 | 94.4 |
| GE 600 | 11.4 | 66.1 | 75.7 | 81.6 | 87.3 | 88.9 | 91.8 | 93.8 | 94.0 | 94.4 | 94.8 | 94.8 | 95.6 | 95.6 | 95.6 | 95.8 |
| GE 500 | 11.4 | 66.7 | 76.3 | 82.1 | 88.0 | 89.7 | 92.9 | 94.9 | 95.1 | 95.5 | 95.9 | 95.9 | 96.7 | 96.7 | 96.7 | 96.8 |
| GE 400 | 11.4 | 66.7 | 76.3 | 82.1 | 88.2 | 89.9 | 93.7 | 95.6 | 96.0 | 96.5 | 96.8 | 96.8 | 97.8 | 97.8 | 97.8 | 97.9 |
| GE 300 | 11.4 | 66.7 | 76.4 | 82.2 | 88.3 | 90.0 | 93.8 | 96.0 | 96.4 | 96.9 | 97.3 | 97.4 | 98.6 | 98.6 | 98.6 | 98.8 |
| GE 200 | 11.4 | 66.7 | 76.4 | 82.2 | 88.3 | 90.0 | 93.8 | 96.0 | 96.4 | 97.1 | 97.7 | 97.9 | 99.1 | 99.1 | 99.1 | 99.5 |
| GE 100 | 11.4 | 66.7 | 76.4 | 82.2 | 88.3 | 90.0 | 93.8 | 96.0 | 96.4 | 97.2 | 97.8 | 98.0 | 99.3 | 99.3 | 99.3 | 99.8 |
| GE 0 | 11.4 | 66.7 | 76.4 | 82.2 | 88.3 | 90.0 | 93.8 | 96.0 | 96.4 | 97.2 | 97.8 | 98.0 | 99.3 | 99.3 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 14.8 | 59.1 | 61.5 | 62.5 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| GE 20000 | 15.2 | 63.9 | 66.2 | 67.2 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| GE 18000 | 15.2 | 64.0 | 66.3 | 67.3 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| GE 16000 | 15.2 | 64.2 | 66.6 | 67.5 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| GE 14000 | 15.2 | 64.2 | 66.6 | 67.5 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| GE 12000 | 15.2 | 64.8 | 67.2 | 68.2 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| GE 10000 | 15.2 | 67.1 | 69.5 | 70.4 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| GE 9000 | 15.2 | 67.4 | 69.8 | 70.8 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| GE 8000 | 15.2 | 69.1 | 71.7 | 72.7 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| GE 7000 | 15.2 | 69.4 | 72.0 | 72.9 | 73.2 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| GE 6000 | 15.2 | 69.8 | 72.5 | 73.7 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| GE 5000 | 15.2 | 71.1 | 73.8 | 75.0 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| GE 4500 | 15.4 | 71.4 | 74.1 | 75.3 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 4000 | 15.4 | 72.4 | 75.1 | 76.3 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| GE 3500 | 15.4 | 72.8 | 75.6 | 76.8 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| GE 3000 | 15.6 | 74.5 | 77.6 | 78.7 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| GE 2500 | 15.7 | 76.7 | 79.7 | 81.0 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| GE 2000 | 15.9 | 78.4 | 81.6 | 82.8 | 83.2 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 1800 | 16.0 | 79.8 | 83.0 | 84.3 | 84.6 | 84.6 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 1500 | 16.2 | 82.4 | 85.7 | 87.1 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 1200 | 16.2 | 84.3 | 87.7 | 89.2 | 90.0 | 90.3 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 1000 | 16.2 | 86.0 | 90.1 | 91.8 | 92.6 | 93.0 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 900 | 16.2 | 87.1 | 91.2 | 93.1 | 94.1 | 94.5 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 800 | 16.2 | 87.7 | 92.1 | 94.3 | 95.4 | 95.8 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 700 | 16.2 | 88.5 | 93.2 | 95.6 | 96.7 | 97.1 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 600 | 16.2 | 88.7 | 93.7 | 96.1 | 97.2 | 97.7 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 500 | 16.2 | 88.8 | 93.9 | 96.2 | 97.4 | 98.1 | 98.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 400 | 16.2 | 89.0 | 94.2 | 96.5 | 97.8 | 98.5 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 16.2 | 89.0 | 94.2 | 96.5 | 97.8 | 98.5 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | 16.2 | 89.0 | 94.2 | 96.5 | 97.8 | 98.5 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 16.2 | 89.0 | 94.2 | 96.5 | 97.8 | 98.5 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 16.2 | 89.0 | 94.2 | 96.5 | 97.8 | 98.5 | 99.2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 24.2 | 60.9 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| GE 20000 | 25.7 | 71.5 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| GE 18000 | 25.7 | 71.6 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| GE 16000 | 25.7 | 71.6 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| GE 14000 | 25.8 | 71.8 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| GE 12000 | 25.8 | 72.7 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| GE 10000 | 26.0 | 76.2 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| GE 9000 | 26.0 | 76.8 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| GE 8000 | 26.1 | 78.5 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 7000 | 26.1 | 79.1 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| GE 6000 | 26.1 | 80.3 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| GE 5000 | 26.3 | 81.0 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| GE 4500 | 26.0 | 82.2 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 4000 | 26.8 | 83.1 | 83.4 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| GE 3500 | 26.8 | 84.1 | 84.5 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| GE 3000 | 26.9 | 87.2 | 87.6 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 2500 | 26.9 | 88.6 | 89.0 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 2000 | 27.1 | 90.1 | 90.6 | 91.0 | 91.0 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 1800 | 27.2 | 90.8 | 91.4 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 1500 | 27.2 | 92.8 | 93.4 | 93.9 | 93.9 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 1200 | 27.3 | 94.6 | 95.4 | 96.0 | 96.2 | 96.3 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 1000 | 27.3 | 95.7 | 96.7 | 97.5 | 97.8 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 900 | 27.3 | 96.3 | 97.3 | 98.3 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 800 | 27.3 | 96.4 | 97.4 | 98.4 | 98.8 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 700 | 27.3 | 96.4 | 97.6 | 98.6 | 99.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | 27.3 | 96.4 | 97.6 | 98.6 | 99.1 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 27.3 | 96.4 | 97.6 | 98.7 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 27.3 | 96.4 | 97.6 | 98.7 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 27.3 | 96.4 | 97.6 | 98.7 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 27.3 | 96.4 | 97.6 | 98.7 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 27.3 | 96.4 | 97.6 | 98.7 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 27.3 | 96.4 | 97.6 | 98.7 | 99.2 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 28.2 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 20000 | 29.8 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 18000 | 29.9 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 16000 | 29.9 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 14000 | 29.9 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 12000 | 30.1 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| GE 10000 | 30.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 9000 | 30.7 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 8000 | 31.0 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| GE 7000 | 31.0 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 6000 | 31.2 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 5000 | 31.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 4500 | 31.3 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 4000 | 31.3 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 3500 | 31.3 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 3000 | 31.3 | 91.0 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 2500 | 31.3 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 2000 | 31.5 | 94.0 | 94.1 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 1800 | 31.5 | 94.3 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 1500 | 31.5 | 95.3 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 1200 | 31.5 | 96.4 | 97.2 | 97.3 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 1000 | 31.5 | 97.0 | 97.8 | 98.0 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 900 | 31.5 | 97.1 | 98.0 | 98.1 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 800 | 31.5 | 97.1 | 98.0 | 98.3 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 700 | 31.5 | 97.1 | 98.0 | 98.3 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 600 | 31.5 | 97.2 | 98.1 | 98.4 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 500 | 31.5 | 97.4 | 98.6 | 98.9 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 31.5 | 97.4 | 98.6 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 31.5 | 97.4 | 98.6 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 31.5 | 97.4 | 98.6 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 31.5 | 97.4 | 98.6 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 31.5 | 97.4 | 98.6 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 24.4 | 68.2 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| GE 20000 | 25.4 | 76.1 | 76.2 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| GE 18000 | 25.4 | 76.1 | 76.2 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| GE 16000 | 25.4 | 76.1 | 76.2 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| GE 14000 | 25.7 | 76.4 | 76.5 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| GE 12000 | 26.0 | 76.8 | 77.1 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| GE 10000 | 26.3 | 79.2 | 79.5 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| GE 9000 | 26.3 | 79.9 | 80.3 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 8000 | 26.4 | 82.0 | 82.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| GE 7000 | 26.4 | 82.3 | 82.6 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| GE 6000 | 26.4 | 83.1 | 83.4 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 5000 | 26.4 | 84.0 | 84.4 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| GE 4500 | 26.4 | 84.5 | 84.9 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 4000 | 26.5 | 85.3 | 85.9 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 3500 | 26.6 | 86.5 | 87.3 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 3000 | 27.1 | 88.3 | 89.1 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 2500 | 27.3 | 89.6 | 90.5 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 2000 | 27.3 | 91.5 | 92.4 | 93.1 | 93.3 | 93.3 | 93.3 | 93.4 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 1800 | 27.3 | 92.3 | 93.3 | 94.0 | 94.2 | 94.2 | 94.2 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 1500 | 27.3 | 93.4 | 94.7 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 1200 | 27.3 | 94.0 | 95.4 | 96.1 | 96.3 | 96.3 | 96.3 | 96.4 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 1000 | 27.3 | 95.1 | 96.5 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 900 | 27.3 | 95.4 | 96.9 | 97.7 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 800 | 27.3 | 95.4 | 96.9 | 97.8 | 98.2 | 98.2 | 98.2 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 700 | 27.3 | 95.4 | 96.9 | 97.8 | 98.2 | 98.2 | 98.2 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 600 | 27.3 | 95.6 | 97.1 | 98.1 | 98.7 | 98.7 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 500 | 27.3 | 95.8 | 97.6 | 98.6 | 99.2 | 99.2 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 27.3 | 95.8 | 97.6 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 27.3 | 95.8 | 97.6 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 27.3 | 95.8 | 97.6 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 27.3 | 95.8 | 97.6 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 27.3 | 95.8 | 97.6 | 98.7 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 22.9 | 70.1 | 71.1 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 20000 | 24.1 | 75.7 | 76.8 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 18000 | 24.1 | 75.7 | 76.8 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 16000 | 24.1 | 75.7 | 76.8 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 14000 | 24.1 | 75.7 | 76.8 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 12000 | 24.3 | 76.6 | 77.9 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| GE 10000 | 24.4 | 78.8 | 80.0 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| GE 9000 | 24.4 | 79.1 | 80.3 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 8000 | 24.7 | 80.0 | 81.2 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| GE 7000 | 24.7 | 80.3 | 81.7 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 6000 | 25.0 | 81.1 | 82.7 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 5000 | 25.2 | 81.7 | 83.4 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 4500 | 25.3 | 82.7 | 84.4 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 4000 | 25.5 | 83.7 | 85.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| GE 3500 | 25.5 | 84.6 | 86.3 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 3000 | 25.8 | 86.6 | 88.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 2500 | 25.8 | 88.4 | 90.4 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 2000 | 25.8 | 90.4 | 92.5 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 1800 | 25.8 | 90.8 | 93.0 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 1500 | 25.8 | 91.9 | 94.4 | 95.4 | 95.4 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 1200 | 25.8 | 92.4 | 95.0 | 96.0 | 96.0 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 1000 | 25.8 | 92.7 | 95.3 | 96.3 | 96.5 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 900 | 25.8 | 92.7 | 95.6 | 96.6 | 97.1 | 97.1 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 800 | 25.8 | 93.1 | 96.3 | 97.4 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 700 | 25.8 | 93.4 | 96.6 | 97.9 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 600 | 25.8 | 93.6 | 97.1 | 98.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 25.8 | 93.7 | 97.3 | 98.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | 25.8 | 93.7 | 97.4 | 98.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 25.8 | 93.7 | 97.4 | 98.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 25.8 | 93.7 | 97.4 | 98.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 25.8 | 93.7 | 97.4 | 98.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 25.8 | 93.7 | 97.4 | 98.6 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 655

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 6.2 | 36.8 | 40.3 | 41.9 | 43.5 | 45.1 | 46.4 | 47.5 | 47.6 | 48.0 | 48.1 | 48.1 | 48.3 | 48.3 | 48.7 | 49.6 |
| GE 20000 | 6.4 | 41.1 | 45.6 | 47.6 | 49.3 | 50.9 | 52.2 | 53.3 | 53.4 | 53.8 | 53.9 | 53.9 | 54.1 | 54.1 | 54.5 | 55.4 |
| GE 18000 | 6.4 | 41.3 | 45.9 | 47.8 | 49.6 | 51.2 | 52.4 | 53.5 | 53.6 | 54.0 | 54.1 | 54.1 | 54.4 | 54.4 | 54.7 | 55.6 |
| GE 16000 | 6.4 | 41.3 | 45.9 | 47.8 | 49.6 | 51.2 | 52.4 | 53.5 | 53.6 | 54.0 | 54.1 | 54.1 | 54.4 | 54.4 | 54.7 | 55.6 |
| GE 14000 | 6.4 | 41.3 | 45.9 | 47.8 | 49.6 | 51.2 | 52.4 | 53.5 | 53.6 | 54.0 | 54.1 | 54.1 | 54.4 | 54.4 | 54.7 | 55.6 |
| GE 12000 | 6.4 | 41.7 | 46.2 | 48.3 | 50.1 | 51.7 | 52.9 | 54.0 | 54.1 | 54.5 | 54.6 | 54.6 | 54.9 | 54.9 | 55.2 | 56.1 |
| GE 10000 | 6.4 | 43.3 | 48.2 | 50.3 | 52.0 | 53.6 | 54.9 | 56.0 | 56.1 | 56.5 | 56.6 | 56.6 | 56.8 | 56.8 | 57.2 | 58.1 |
| GE 9000 | 6.4 | 43.3 | 48.2 | 50.3 | 52.0 | 53.6 | 54.9 | 56.0 | 56.1 | 56.5 | 56.6 | 56.6 | 56.8 | 56.8 | 57.2 | 58.1 |
| GE 8000 | 6.6 | 47.0 | 51.9 | 54.0 | 55.7 | 57.3 | 58.5 | 59.7 | 59.8 | 60.1 | 60.3 | 60.3 | 60.5 | 60.5 | 60.9 | 61.7 |
| GE 7000 | 6.6 | 47.5 | 52.5 | 54.6 | 56.3 | 57.9 | 59.2 | 60.3 | 60.4 | 60.9 | 61.0 | 61.0 | 61.3 | 61.3 | 61.6 | 62.5 |
| GE 6000 | 6.6 | 48.3 | 53.4 | 55.5 | 57.2 | 58.8 | 60.0 | 61.1 | 61.3 | 61.7 | 61.9 | 61.9 | 62.1 | 62.1 | 62.5 | 63.3 |
| GE 5000 | 6.6 | 49.1 | 54.5 | 56.8 | 58.7 | 60.3 | 61.5 | 62.6 | 62.7 | 63.2 | 63.3 | 63.3 | 63.6 | 63.6 | 64.0 | 64.8 |
| GE 4500 | 6.6 | 49.3 | 55.2 | 57.6 | 59.4 | 61.3 | 62.5 | 63.6 | 63.7 | 64.2 | 64.3 | 64.3 | 64.6 | 64.6 | 64.9 | 65.8 |
| GE 4000 | 6.6 | 51.0 | 57.2 | 59.8 | 61.7 | 63.6 | 64.8 | 65.9 | 66.1 | 66.5 | 66.7 | 66.7 | 66.9 | 66.9 | 67.3 | 68.1 |
| GE 3500 | 6.6 | 51.9 | 58.3 | 60.9 | 63.0 | 64.8 | 66.1 | 67.2 | 67.3 | 67.8 | 67.9 | 67.9 | 68.1 | 68.1 | 68.5 | 69.4 |
| GE 3000 | 6.8 | 53.1 | 59.7 | 62.2 | 64.6 | 66.4 | 67.7 | 68.8 | 69.0 | 69.5 | 69.6 | 69.6 | 69.9 | 69.9 | 70.2 | 71.1 |
| GE 2500 | 6.8 | 54.9 | 61.6 | 64.2 | 66.7 | 68.5 | 69.7 | 70.8 | 71.1 | 71.6 | 71.7 | 71.7 | 72.0 | 72.0 | 72.3 | 73.2 |
| GE 2000 | 6.8 | 57.3 | 64.5 | 67.2 | 69.6 | 71.5 | 72.8 | 74.0 | 74.3 | 74.8 | 74.9 | 74.9 | 75.4 | 75.4 | 75.8 | 76.6 |
| GE 1800 | 6.9 | 58.8 | 66.1 | 68.8 | 71.2 | 73.3 | 74.7 | 75.9 | 76.1 | 76.6 | 76.8 | 76.8 | 77.2 | 77.2 | 77.6 | 78.5 |
| GE 1500 | 7.0 | 61.3 | 68.8 | 72.1 | 74.8 | 76.9 | 78.4 | 79.6 | 79.8 | 80.7 | 80.9 | 80.9 | 81.4 | 81.4 | 81.8 | 82.7 |
| GE 1200 | 7.3 | 64.1 | 72.2 | 75.8 | 78.8 | 81.2 | 82.8 | 84.0 | 84.3 | 85.2 | 85.5 | 85.5 | 86.0 | 86.0 | 86.3 | 87.2 |
| GE 1000 | 7.4 | 64.9 | 73.3 | 76.9 | 80.3 | 82.7 | 84.4 | 85.9 | 86.2 | 87.2 | 87.5 | 87.5 | 87.9 | 87.9 | 88.3 | 89.2 |
| GE 900 | 7.6 | 65.7 | 74.3 | 78.0 | 81.4 | 83.9 | 85.7 | 87.5 | 87.8 | 88.8 | 89.1 | 89.1 | 89.5 | 89.5 | 89.9 | 90.8 |
| GE 800 | 7.6 | 66.1 | 74.9 | 78.6 | 82.2 | 84.6 | 86.5 | 88.3 | 88.8 | 89.8 | 90.2 | 90.2 | 90.7 | 90.7 | 91.0 | 91.9 |
| GE 700 | 7.7 | 66.7 | 75.6 | 79.5 | 83.3 | 85.7 | 87.8 | 89.7 | 90.2 | 91.1 | 91.5 | 91.5 | 92.0 | 92.0 | 92.4 | 93.2 |
| GE 600 | 7.7 | 67.5 | 76.9 | 80.7 | 84.6 | 87.2 | 89.3 | 91.1 | 91.6 | 92.6 | 93.0 | 93.0 | 93.5 | 93.5 | 93.8 | 94.7 |
| GE 500 | 7.7 | 67.7 | 77.1 | 81.2 | 85.4 | 87.9 | 90.4 | 92.4 | 92.9 | 93.8 | 94.2 | 94.2 | 94.7 | 94.7 | 95.1 | 96.1 |
| GE 400 | 7.7 | 67.8 | 77.2 | 81.4 | 85.9 | 88.4 | 91.1 | 93.7 | 94.2 | 95.3 | 95.8 | 95.8 | 96.3 | 96.4 | 96.8 | 97.8 |
| GE 300 | 7.7 | 67.8 | 77.2 | 81.4 | 86.0 | 88.6 | 91.4 | 94.0 | 94.6 | 95.9 | 96.4 | 96.4 | 96.9 | 97.0 | 97.4 | 98.4 |
| GE 200 | 7.7 | 67.8 | 77.2 | 81.4 | 86.1 | 88.7 | 91.5 | 94.1 | 94.7 | 96.1 | 96.6 | 96.7 | 97.2 | 97.3 | 98.0 | 99.3 |
| GE 100 | 7.7 | 67.8 | 77.2 | 81.4 | 86.1 | 88.7 | 91.5 | 94.1 | 94.7 | 96.1 | 96.6 | 96.7 | 97.2 | 97.4 | 98.4 | 100.0 |
| GE 0 | 7.7 | 67.8 | 77.2 | 81.4 | 86.1 | 88.7 | 91.5 | 94.1 | 94.7 | 96.1 | 96.6 | 96.7 | 97.2 | 97.4 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 12.2 | 48.7 | 50.1 | 50.6 | 50.9 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| GE 20000 | 13.0 | 56.7 | 58.3 | 59.0 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| GE 18000 | 13.0 | 56.9 | 58.4 | 59.1 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| GE 16000 | 13.0 | 56.9 | 58.4 | 59.1 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| GE 14000 | 13.0 | 56.9 | 58.4 | 59.1 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| GE 12000 | 13.0 | 57.5 | 59.1 | 59.8 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| GE 10000 | 13.0 | 59.0 | 60.6 | 61.3 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| GE 9000 | 13.0 | 59.1 | 60.8 | 61.4 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| GE 8000 | 13.0 | 61.5 | 63.2 | 64.0 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| GE 7000 | 13.0 | 61.9 | 63.5 | 64.4 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GE 6000 | 13.2 | 62.7 | 64.3 | 65.2 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| GE 5000 | 13.2 | 64.2 | 66.4 | 67.4 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| GE 4500 | 13.2 | 64.4 | 66.7 | 67.7 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| GE 4000 | 13.4 | 66.7 | 69.1 | 70.2 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 3500 | 13.4 | 67.4 | 70.1 | 71.2 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| GE 3000 | 13.5 | 68.6 | 71.2 | 72.4 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 2500 | 13.7 | 69.8 | 72.7 | 73.8 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 2000 | 13.9 | 73.4 | 76.8 | 77.9 | 79.2 | 79.4 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 |
| GE 1800 | 13.9 | 74.5 | 77.9 | 79.0 | 80.4 | 80.6 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 |
| GE 1500 | 14.4 | 78.7 | 82.9 | 84.5 | 86.3 | 86.5 | 86.7 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 |
| GE 1200 | 14.5 | 81.0 | 85.7 | 87.7 | 89.6 | 89.9 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 1000 | 14.7 | 82.6 | 87.7 | 89.9 | 92.0 | 92.2 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 900 | 14.7 | 83.5 | 89.1 | 91.2 | 93.3 | 93.6 | 94.3 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 800 | 14.7 | 84.3 | 90.2 | 92.3 | 94.4 | 94.8 | 95.4 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 700 | 14.7 | 84.9 | 91.2 | 93.4 | 95.5 | 95.9 | 96.7 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 600 | 14.7 | 85.1 | 91.4 | 93.6 | 95.8 | 96.1 | 96.9 | 97.5 | 97.5 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 500 | 14.7 | 85.1 | 91.4 | 93.6 | 95.9 | 96.2 | 97.2 | 98.1 | 98.1 | 98.3 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 400 | 14.7 | 85.2 | 91.5 | 94.0 | 96.3 | 96.7 | 97.8 | 98.8 | 98.8 | 99.0 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 300 | 14.7 | 85.2 | 91.5 | 94.0 | 96.3 | 96.7 | 97.8 | 98.9 | 98.9 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 200 | 14.7 | 85.2 | 91.5 | 94.0 | 96.3 | 96.7 | 97.8 | 98.9 | 98.9 | 99.1 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE 100 | 14.7 | 85.2 | 91.5 | 94.0 | 96.3 | 96.7 | 97.8 | 98.9 | 98.9 | 99.1 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 0 | 14.7 | 85.2 | 91.5 | 94.0 | 96.3 | 96.7 | 97.8 | 98.9 | 98.9 | 99.1 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 19.5 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| GE 20000 | 20.4 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| GE 18000 | 20.4 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| GE 16000 | 20.4 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| GE 14000 | 20.4 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| GE 12000 | 20.4 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| GE 10000 | 20.4 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| GE 9000 | 20.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| GE 8000 | 20.6 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| GE 7000 | 20.7 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| GE 6000 | 20.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| GE 5000 | 20.7 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| GE 4500 | 20.7 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| GE 4000 | 20.8 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| GE 3500 | 21.4 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| GE 3000 | 21.5 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 2500 | 21.6 | 83.1 | 83.2 | 83.3 | 83.3 | 83.4 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 2000 | 22.0 | 86.5 | 87.1 | 87.2 | 87.2 | 87.4 | 87.7 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 |
| GE 1800 | 22.2 | 87.7 | 88.4 | 88.6 | 88.6 | 88.9 | 89.3 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 |
| GE 1500 | 22.5 | 90.2 | 91.2 | 91.6 | 91.8 | 92.2 | 92.6 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 |
| GE 1200 | 23.0 | 92.3 | 93.5 | 94.1 | 94.2 | 94.6 | 95.1 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 |
| GE 1000 | 23.0 | 92.9 | 94.3 | 95.1 | 95.5 | 96.0 | 96.7 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 |
| GE 900 | 23.0 | 93.2 | 94.6 | 95.4 | 95.9 | 96.4 | 97.1 | 97.3 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 |
| GE 800 | 23.0 | 93.5 | 95.0 | 95.8 | 96.2 | 96.8 | 97.5 | 97.8 | 97.9 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 |
| GE 700 | 23.0 | 94.0 | 95.5 | 96.4 | 96.9 | 97.4 | 98.2 | 98.4 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 |
| GE 600 | 23.0 | 94.0 | 95.5 | 96.5 | 97.2 | 97.8 | 98.6 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| GE 500 | 23.0 | 94.0 | 95.5 | 96.7 | 97.3 | 97.9 | 98.7 | 99.2 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| GE 400 | 23.0 | 94.0 | 95.5 | 96.7 | 97.3 | 98.0 | 98.8 | 99.3 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE 300 | 23.0 | 94.0 | 95.5 | 96.7 | 97.3 | 98.0 | 98.8 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 200 | 23.0 | 94.0 | 95.5 | 96.7 | 97.3 | 98.0 | 98.8 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 100 | 23.0 | 94.0 | 95.5 | 96.7 | 97.3 | 98.0 | 98.8 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | 23.0 | 94.0 | 95.5 | 96.7 | 97.3 | 98.0 | 98.8 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 25.3 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| GE 20000 | 27.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| GE 18000 | 27.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| GE 16000 | 27.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| GE 14000 | 27.3 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| GE 12000 | 27.3 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| GE 10000 | 27.4 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| GE 9000 | 27.6 | 67.1 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| GE 8000 | 27.8 | 70.7 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| GE 7000 | 27.8 | 70.8 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| GE 6000 | 27.8 | 71.3 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| GE 5000 | 28.0 | 73.1 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| GE 4500 | 28.3 | 74.2 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| GE 4000 | 28.8 | 77.3 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| GE 3500 | 29.1 | 78.9 | 79.3 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| GE 3000 | 29.1 | 80.4 | 80.7 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| GE 2500 | 29.1 | 83.5 | 84.1 | 84.5 | 84.7 | 84.7 | 84.7 | 84.8 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| GE 2000 | 29.2 | 86.8 | 87.6 | 88.2 | 88.5 | 88.6 | 88.7 | 88.9 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE 1800 | 29.4 | 87.5 | 88.4 | 89.1 | 89.4 | 89.5 | 89.7 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 1500 | 29.7 | 89.2 | 90.7 | 92.0 | 92.4 | 92.5 | 93.0 | 93.1 | 93.3 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 1200 | 30.0 | 90.5 | 92.2 | 93.4 | 93.9 | 94.0 | 94.4 | 94.5 | 94.8 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| GE 1000 | 30.0 | 91.0 | 93.0 | 94.3 | 94.9 | 95.0 | 95.4 | 95.5 | 95.8 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 900 | 30.0 | 91.4 | 93.4 | 94.8 | 95.3 | 95.4 | 95.9 | 96.0 | 96.2 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 800 | 30.0 | 91.9 | 93.9 | 95.4 | 96.0 | 96.2 | 96.9 | 97.0 | 97.2 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 700 | 30.0 | 91.9 | 94.0 | 95.5 | 96.3 | 96.5 | 97.3 | 97.4 | 97.7 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 600 | 30.0 | 92.0 | 94.1 | 95.7 | 97.1 | 97.3 | 98.1 | 98.3 | 98.7 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 500 | 30.0 | 92.0 | 94.2 | 95.9 | 97.3 | 97.7 | 98.4 | 98.7 | 99.1 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | 30.0 | 92.0 | 94.2 | 95.9 | 97.3 | 97.7 | 98.4 | 98.7 | 99.1 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 300 | 30.0 | 92.0 | 94.2 | 95.9 | 97.3 | 97.7 | 98.4 | 98.8 | 99.2 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 30.0 | 92.0 | 94.2 | 95.9 | 97.3 | 97.7 | 98.4 | 98.8 | 99.2 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 30.0 | 92.0 | 94.2 | 95.9 | 97.3 | 97.7 | 98.4 | 98.8 | 99.2 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 30.0 | 92.0 | 94.2 | 95.9 | 97.3 | 97.7 | 98.4 | 98.8 | 99.2 | 99.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 24.4 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| GE 20000 | 26.0 | 63.8 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| GE 18000 | 26.0 | 63.8 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| GE 16000 | 26.0 | 63.8 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| GE 14000 | 26.0 | 64.3 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| GE 12000 | 26.1 | 65.3 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| GE 10000 | 26.3 | 66.2 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| GE 9000 | 26.4 | 66.3 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| GE 8000 | 26.9 | 68.9 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| GE 7000 | 26.9 | 68.9 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| GE 6000 | 26.9 | 69.3 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 5000 | 27.3 | 70.8 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| GE 4500 | 27.4 | 72.1 | 73.2 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| GE 4000 | 27.6 | 75.1 | 76.3 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| GE 3500 | 27.9 | 77.0 | 78.1 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| GE 3000 | 28.3 | 79.9 | 81.3 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 2500 | 28.5 | 83.1 | 84.6 | 85.3 | 85.5 | 85.5 | 85.8 | 85.8 | 85.8 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| GE 2000 | 28.5 | 85.5 | 87.1 | 87.7 | 88.0 | 88.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 1800 | 28.8 | 87.1 | 88.7 | 89.5 | 89.7 | 89.7 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 1500 | 29.0 | 88.7 | 90.5 | 91.5 | 91.9 | 91.9 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 1200 | 29.0 | 89.4 | 91.4 | 92.4 | 92.8 | 92.8 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| GE 1000 | 29.0 | 89.9 | 92.2 | 93.4 | 94.0 | 94.0 | 94.5 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 900 | 29.0 | 90.1 | 92.8 | 94.3 | 94.9 | 94.9 | 95.4 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 800 | 29.0 | 90.9 | 93.6 | 95.5 | 96.2 | 96.2 | 96.9 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 700 | 29.0 | 91.2 | 94.0 | 96.0 | 96.7 | 96.7 | 97.3 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 600 | 29.0 | 91.5 | 94.4 | 96.4 | 97.1 | 97.1 | 97.9 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 500 | 29.0 | 91.6 | 94.5 | 96.5 | 97.4 | 97.4 | 98.2 | 98.6 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 400 | 29.0 | 91.6 | 94.5 | 96.5 | 97.4 | 97.4 | 98.4 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 300 | 29.0 | 91.6 | 94.5 | 96.5 | 97.4 | 97.5 | 98.6 | 98.9 | 99.1 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 29.0 | 91.6 | 94.5 | 96.5 | 97.4 | 97.5 | 98.6 | 98.9 | 99.1 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 29.0 | 91.6 | 94.5 | 96.5 | 97.4 | 97.5 | 98.6 | 98.9 | 99.1 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 29.0 | 91.6 | 94.5 | 96.5 | 97.4 | 97.5 | 98.6 | 98.9 | 99.1 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 23.8 | 58.8 | 59.3 | 59.5 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.8 | 59.8 | 59.8 | 59.8 |
| GE 20000 | 25.3 | 64.1 | 64.5 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 |
| GE 18000 | 25.3 | 64.2 | 64.6 | 64.8 | 64.8 | 64.8 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 |
| GE 16000 | 25.3 | 64.2 | 64.6 | 64.8 | 64.8 | 64.8 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 |
| GE 14000 | 25.3 | 64.2 | 64.6 | 64.8 | 64.8 | 64.8 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 |
| GE 12000 | 25.8 | 65.2 | 65.6 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.3 | 66.3 | 66.3 | 66.3 |
| GE 10000 | 25.9 | 66.1 | 66.5 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.2 | 67.2 | 67.3 | 67.3 |
| GE 9000 | 26.0 | 66.3 | 66.7 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.4 | 67.4 | 67.5 | 67.5 |
| GE 8000 | 26.0 | 67.9 | 68.4 | 68.8 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.3 | 69.3 | 69.4 | 69.4 |
| GE 7000 | 26.0 | 68.0 | 68.6 | 69.3 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 70.0 | 70.0 | 70.1 | 70.1 |
| GE 6000 | 26.0 | 68.5 | 69.2 | 69.9 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.5 | 70.5 | 70.6 | 70.6 |
| GE 5000 | 26.1 | 69.4 | 70.1 | 70.8 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.4 | 71.4 | 71.5 | 71.5 |
| GE 4500 | 26.1 | 70.8 | 71.7 | 72.4 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 73.1 | 73.1 | 73.2 | 73.2 |
| GE 4000 | 26.2 | 72.7 | 73.5 | 74.3 | 74.8 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.2 | 75.2 | 75.3 | 75.3 |
| GE 3500 | 26.6 | 74.4 | 75.4 | 76.2 | 76.7 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.1 | 77.1 | 77.2 | 77.3 |
| GE 3000 | 26.6 | 77.0 | 78.0 | 78.8 | 79.2 | 79.2 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.9 | 79.9 | 80.0 | 80.1 |
| GE 2500 | 26.8 | 81.1 | 82.1 | 83.1 | 83.6 | 83.6 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.4 | 84.4 | 84.5 | 84.6 |
| GE 2000 | 27.2 | 84.4 | 85.5 | 86.6 | 87.1 | 87.1 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 88.1 | 88.1 | 88.2 | 88.3 |
| GE 1800 | 27.2 | 85.0 | 86.2 | 87.3 | 87.7 | 87.7 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.7 | 88.7 | 88.8 | 89.0 |
| GE 1500 | 27.2 | 86.9 | 88.2 | 89.3 | 89.7 | 90.1 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.3 | 91.3 | 91.4 | 91.5 |
| GE 1200 | 27.2 | 87.9 | 89.2 | 90.3 | 90.7 | 91.1 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.3 | 92.3 | 92.4 | 92.5 |
| GE 1000 | 27.2 | 88.5 | 90.0 | 91.1 | 91.5 | 92.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.4 | 93.4 | 93.5 | 93.6 |
| GE 900 | 27.2 | 89.1 | 90.8 | 92.2 | 92.7 | 93.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.6 | 94.6 | 94.8 | 94.9 |
| GE 800 | 27.2 | 89.5 | 91.5 | 93.0 | 93.5 | 94.0 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.6 | 95.6 | 95.8 | 95.9 |
| GE 700 | 27.2 | 90.0 | 92.0 | 93.4 | 94.1 | 94.5 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.3 | 96.3 | 96.4 | 96.5 |
| GE 600 | 27.2 | 90.1 | 92.1 | 93.6 | 94.4 | 94.9 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.8 | 96.8 | 96.9 | 97.0 |
| GE 500 | 27.2 | 90.5 | 92.7 | 94.3 | 95.5 | 96.0 | 97.3 | 97.5 | 97.7 | 97.8 | 97.8 | 97.8 | 98.1 | 98.1 | 98.2 | 98.3 |
| GE 400 | 27.2 | 90.6 | 92.9 | 94.4 | 95.6 | 96.1 | 97.4 | 97.8 | 98.0 | 98.3 | 98.4 | 98.4 | 98.8 | 98.8 | 98.9 | 99.0 |
| GE 300 | 27.2 | 90.6 | 92.9 | 94.4 | 95.8 | 96.2 | 97.5 | 97.9 | 98.2 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.1 | 99.2 |
| GE 200 | 27.2 | 90.6 | 92.9 | 94.4 | 95.8 | 96.2 | 97.5 | 97.9 | 98.2 | 98.5 | 98.8 | 98.8 | 99.1 | 99.2 | 99.3 | 99.4 |
| GE 100 | 27.2 | 90.6 | 92.9 | 94.4 | 95.8 | 96.2 | 97.5 | 98.0 | 98.3 | 98.7 | 98.9 | 98.9 | 99.2 | 99.7 | 99.8 | 99.9 |
| GE 0 | 27.2 | 90.6 | 92.9 | 94.4 | 95.8 | 96.2 | 97.5 | 98.0 | 98.3 | 98.7 | 98.9 | 98.9 | 99.2 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 10.9 | 38.3 | 40.2 | 41.9 | 43.9 | 44.2 | 45.2 | 45.5 | 45.5 | 45.8 | 46.1 | 46.1 | 46.2 | 46.2 | 46.6 | 47.3 |
| GE 20000 | 11.9 | 42.6 | 44.6 | 46.6 | 48.6 | 48.9 | 49.9 | 50.2 | 50.2 | 50.5 | 50.8 | 50.8 | 50.9 | 51.1 | 51.5 | 52.2 |
| GE 18000 | 11.9 | 42.8 | 44.8 | 46.8 | 48.8 | 49.1 | 50.1 | 50.4 | 50.4 | 50.6 | 50.9 | 50.9 | 51.1 | 51.2 | 51.6 | 52.4 |
| GE 16000 | 11.9 | 42.8 | 44.8 | 46.8 | 48.8 | 49.1 | 50.1 | 50.4 | 50.4 | 50.6 | 50.9 | 50.9 | 51.1 | 51.2 | 51.6 | 52.4 |
| GE 14000 | 11.9 | 42.9 | 44.9 | 46.9 | 48.9 | 49.2 | 50.2 | 50.5 | 50.5 | 50.8 | 51.1 | 51.1 | 51.2 | 51.4 | 51.8 | 52.5 |
| GE 12000 | 12.1 | 44.3 | 46.3 | 48.4 | 50.4 | 50.6 | 51.6 | 51.9 | 51.9 | 52.2 | 52.5 | 52.5 | 52.7 | 52.8 | 53.2 | 53.9 |
| GE 10000 | 12.6 | 46.1 | 48.1 | 50.1 | 52.1 | 52.4 | 53.4 | 53.7 | 53.7 | 53.9 | 54.2 | 54.2 | 54.4 | 54.5 | 54.9 | 55.7 |
| GE 9000 | 12.6 | 46.1 | 48.1 | 50.1 | 52.1 | 52.4 | 53.4 | 53.7 | 53.7 | 53.9 | 54.2 | 54.2 | 54.4 | 54.5 | 54.9 | 55.7 |
| GE 8000 | 12.8 | 47.9 | 49.9 | 51.9 | 53.9 | 54.2 | 55.2 | 55.5 | 55.5 | 55.8 | 56.1 | 56.1 | 56.2 | 56.4 | 56.8 | 57.5 |
| GE 7000 | 12.8 | 48.6 | 50.6 | 52.7 | 54.7 | 54.9 | 56.0 | 56.2 | 56.2 | 56.5 | 56.8 | 56.8 | 57.0 | 57.1 | 57.5 | 58.2 |
| GE 6000 | 12.8 | 49.1 | 51.1 | 53.1 | 55.1 | 55.4 | 56.4 | 56.7 | 56.7 | 57.0 | 57.2 | 57.2 | 57.4 | 57.5 | 58.0 | 58.7 |
| GE 5000 | 13.3 | 51.2 | 53.2 | 55.2 | 57.2 | 57.5 | 58.5 | 58.8 | 58.8 | 59.1 | 59.4 | 59.4 | 59.5 | 59.7 | 60.1 | 60.8 |
| GE 4500 | 13.5 | 52.2 | 54.5 | 56.5 | 58.5 | 59.0 | 60.1 | 60.4 | 60.4 | 60.7 | 61.0 | 61.0 | 61.1 | 61.3 | 61.7 | 62.4 |
| GE 4000 | 13.9 | 53.5 | 55.8 | 57.8 | 59.8 | 60.3 | 61.4 | 61.7 | 61.7 | 62.0 | 62.3 | 62.3 | 62.4 | 62.6 | 63.0 | 63.7 |
| GE 3500 | 14.2 | 55.8 | 58.1 | 60.1 | 62.1 | 62.6 | 63.7 | 64.0 | 64.0 | 64.3 | 64.6 | 64.6 | 64.7 | 64.8 | 65.3 | 66.0 |
| GE 3000 | 14.8 | 58.5 | 60.8 | 62.8 | 64.8 | 65.3 | 66.4 | 66.7 | 66.7 | 67.0 | 67.3 | 67.3 | 67.4 | 67.6 | 68.0 | 68.7 |
| GE 2500 | 15.1 | 62.0 | 64.6 | 66.6 | 68.6 | 69.0 | 70.3 | 70.6 | 70.6 | 70.9 | 71.2 | 71.2 | 71.3 | 71.4 | 71.9 | 72.6 |
| GE 2000 | 15.6 | 64.4 | 67.0 | 69.0 | 71.0 | 71.4 | 72.7 | 73.0 | 73.0 | 73.3 | 73.6 | 73.6 | 73.7 | 73.9 | 74.3 | 75.0 |
| GE 1800 | 15.8 | 66.3 | 68.9 | 70.9 | 72.9 | 73.3 | 74.6 | 74.9 | 74.9 | 75.2 | 75.5 | 75.5 | 75.6 | 75.8 | 76.2 | 76.9 |
| GE 1500 | 15.9 | 69.7 | 72.5 | 74.6 | 76.8 | 77.3 | 78.8 | 79.1 | 79.1 | 79.3 | 79.6 | 79.6 | 79.8 | 79.9 | 80.3 | 81.1 |
| GE 1200 | 16.1 | 71.4 | 74.3 | 76.9 | 79.1 | 79.6 | 81.1 | 81.3 | 81.3 | 81.6 | 81.9 | 81.9 | 82.2 | 82.4 | 82.8 | 83.5 |
| GE 1000 | 16.1 | 72.3 | 75.3 | 78.0 | 80.3 | 80.9 | 82.4 | 82.6 | 82.6 | 82.9 | 83.2 | 83.2 | 83.5 | 83.6 | 84.1 | 84.8 |
| GE 900 | 16.1 | 72.5 | 75.6 | 78.3 | 80.6 | 81.3 | 82.9 | 83.2 | 83.4 | 83.6 | 83.9 | 84.1 | 84.4 | 84.5 | 84.9 | 85.7 |
| GE 800 | 16.1 | 74.5 | 77.9 | 80.8 | 83.6 | 84.4 | 86.1 | 86.4 | 86.5 | 86.8 | 87.1 | 87.2 | 87.5 | 87.7 | 88.1 | 88.8 |
| GE 700 | 16.1 | 75.2 | 78.6 | 81.8 | 85.2 | 85.9 | 87.7 | 88.1 | 88.2 | 88.5 | 88.8 | 89.0 | 89.2 | 89.4 | 89.8 | 90.5 |
| GE 600 | 16.1 | 75.9 | 79.6 | 82.9 | 86.8 | 87.7 | 89.7 | 90.1 | 90.2 | 90.5 | 90.8 | 91.0 | 91.2 | 91.4 | 91.8 | 92.5 |
| GE 500 | 16.1 | 76.3 | 80.2 | 83.5 | 87.4 | 88.5 | 90.5 | 91.1 | 91.2 | 91.5 | 91.8 | 92.0 | 92.5 | 92.7 | 93.1 | 93.8 |
| GE 400 | 16.1 | 76.3 | 80.2 | 83.5 | 87.5 | 88.7 | 90.8 | 91.4 | 91.5 | 92.3 | 92.5 | 92.7 | 93.4 | 93.5 | 94.0 | 94.7 |
| GE 300 | 16.1 | 76.3 | 80.2 | 83.5 | 87.8 | 89.2 | 91.5 | 92.3 | 92.5 | 93.4 | 93.7 | 93.8 | 94.7 | 94.8 | 95.4 | 96.1 |
| GE 200 | 16.1 | 76.3 | 80.2 | 83.5 | 87.8 | 89.2 | 92.0 | 92.8 | 93.3 | 94.5 | 95.0 | 95.3 | 96.6 | 96.8 | 97.8 | 98.7 |
| GE 100 | 16.1 | 76.3 | 80.2 | 83.5 | 87.8 | 89.2 | 92.0 | 93.0 | 93.4 | 94.7 | 95.1 | 95.4 | 96.8 | 97.1 | 98.1 | 99.3 |
| GE 0 | 16.1 | 76.3 | 80.2 | 83.5 | 87.8 | 89.2 | 92.0 | 93.0 | 93.4 | 94.7 | 95.1 | 95.4 | 96.8 | 97.1 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 697

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 16.6 | 44.2 | 46.5 | 47.4 | 47.6 | 47.8 | 47.8 | 47.8 | 47.8 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 48.0 |
| GE 20000 | 18.7 | 50.3 | 52.6 | 53.6 | 53.9 | 54.2 | 54.2 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.4 |
| GE 18000 | 18.7 | 50.7 | 52.9 | 54.0 | 54.2 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 |
| GE 16000 | 18.7 | 50.7 | 53.0 | 54.1 | 54.3 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.9 |
| GE 14000 | 18.7 | 51.0 | 53.4 | 54.4 | 54.7 | 55.0 | 55.0 | 55.0 | 55.0 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 |
| GE 12000 | 19.1 | 52.9 | 55.3 | 56.3 | 56.6 | 56.9 | 56.9 | 56.9 | 56.9 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 |
| GE 10000 | 19.8 | 55.2 | 57.7 | 58.8 | 59.1 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.7 |
| GE 9000 | 19.9 | 55.3 | 57.8 | 59.0 | 59.2 | 59.5 | 59.5 | 59.5 | 59.5 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.8 |
| GE 8000 | 20.4 | 56.9 | 59.4 | 60.6 | 60.9 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 |
| GE 7000 | 20.4 | 57.8 | 60.3 | 61.4 | 61.7 | 62.0 | 62.0 | 62.0 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.3 |
| GE 6000 | 20.6 | 58.4 | 60.9 | 62.0 | 62.3 | 62.6 | 62.6 | 62.6 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 |
| GE 5000 | 20.9 | 59.4 | 61.9 | 63.1 | 63.5 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.1 |
| GE 4500 | 20.9 | 61.2 | 63.7 | 64.9 | 65.2 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 |
| GE 4000 | 21.7 | 63.5 | 66.0 | 67.4 | 67.9 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 |
| GE 3500 | 21.9 | 65.6 | 68.1 | 69.5 | 70.0 | 70.3 | 70.3 | 70.3 | 70.3 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 |
| GE 3000 | 22.2 | 68.4 | 70.9 | 72.6 | 73.1 | 73.4 | 73.4 | 73.4 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 |
| GE 2500 | 22.8 | 71.2 | 73.8 | 75.4 | 75.9 | 76.3 | 76.4 | 76.4 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 |
| GE 2000 | 23.3 | 73.8 | 76.4 | 78.1 | 78.5 | 78.9 | 79.0 | 79.1 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 |
| GE 1800 | 23.6 | 75.7 | 78.3 | 80.0 | 80.4 | 80.8 | 80.9 | 81.0 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 |
| GE 1500 | 24.0 | 78.8 | 81.7 | 83.4 | 83.9 | 84.2 | 84.3 | 84.5 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 |
| GE 1200 | 24.0 | 80.5 | 83.9 | 85.5 | 86.0 | 86.4 | 86.5 | 86.7 | 86.8 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 |
| GE 1000 | 24.0 | 81.6 | 85.2 | 87.0 | 87.4 | 87.8 | 87.9 | 88.1 | 88.3 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 |
| GE 900 | 24.0 | 82.7 | 86.5 | 88.5 | 89.0 | 89.3 | 89.4 | 89.7 | 89.8 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 |
| GE 800 | 24.0 | 84.0 | 88.0 | 90.0 | 90.5 | 90.9 | 91.1 | 91.3 | 91.5 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 |
| GE 700 | 24.0 | 84.8 | 89.4 | 91.8 | 92.3 | 92.6 | 92.9 | 93.1 | 93.2 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 |
| GE 600 | 24.0 | 85.3 | 90.0 | 92.4 | 93.2 | 93.6 | 94.0 | 94.2 | 94.3 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 |
| GE 500 | 24.0 | 85.9 | 90.6 | 93.4 | 94.8 | 95.1 | 95.5 | 96.1 | 96.2 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 |
| GE 400 | 24.0 | 86.1 | 91.1 | 94.0 | 95.8 | 96.2 | 96.8 | 97.6 | 97.7 | 98.2 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 |
| GE 300 | 24.0 | 86.1 | 91.1 | 94.0 | 95.8 | 96.2 | 96.8 | 97.7 | 98.0 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 |
| GE 200 | 24.0 | 86.1 | 91.1 | 94.0 | 95.8 | 96.2 | 97.0 | 98.0 | 98.2 | 98.7 | 99.1 | 99.2 | 99.4 | 99.6 | 99.8 | 100.0 |
| GE 100 | 24.0 | 86.1 | 91.1 | 94.0 | 95.8 | 96.2 | 97.0 | 98.0 | 98.2 | 98.7 | 99.1 | 99.2 | 99.4 | 99.6 | 99.8 | 100.0 |
| GE 0 | 24.0 | 86.1 | 91.1 | 94.0 | 95.8 | 96.2 | 97.0 | 98.0 | 98.2 | 98.7 | 99.1 | 99.2 | 99.4 | 99.6 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 843

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 22.9 | 48.4 | 48.4 | 48.4 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| GE 20000 | 26.6 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| GE 18000 | 26.8 | 57.8 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| GE 16000 | 26.8 | 57.8 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| GE 14000 | 27.2 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| GE 12000 | 28.0 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| GE 10000 | 28.6 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| GE 9000 | 28.7 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| GE 8000 | 29.0 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| GE 7000 | 29.4 | 66.4 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| GE 6000 | 29.4 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| GE 5000 | 29.9 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| GE 4500 | 30.3 | 70.4 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| GE 4000 | 30.6 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| GE 3500 | 31.1 | 74.6 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 3000 | 32.5 | 79.2 | 79.5 | 79.6 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| GE 2500 | 33.2 | 82.3 | 82.6 | 83.0 | 83.4 | 83.4 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| GE 2000 | 33.6 | 85.3 | 85.5 | 86.5 | 87.0 | 87.1 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| GE 1800 | 33.7 | 86.3 | 86.5 | 87.5 | 87.9 | 88.1 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 1500 | 33.7 | 87.9 | 88.6 | 89.7 | 90.4 | 90.7 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| GE 1200 | 34.1 | 89.0 | 89.7 | 90.9 | 91.8 | 92.0 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 1000 | 34.2 | 90.2 | 90.9 | 92.2 | 93.2 | 93.4 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 900 | 34.2 | 90.6 | 91.3 | 92.7 | 93.7 | 93.9 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 800 | 34.3 | 90.8 | 91.8 | 93.4 | 94.4 | 94.7 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 700 | 34.3 | 91.0 | 92.0 | 93.8 | 94.7 | 95.1 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 600 | 34.3 | 91.5 | 92.7 | 94.5 | 95.5 | 95.9 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 500 | 34.3 | 91.6 | 93.0 | 94.9 | 95.9 | 96.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 400 | 34.3 | 91.8 | 93.2 | 95.1 | 96.5 | 97.1 | 98.1 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 300 | 34.3 | 91.8 | 93.2 | 95.1 | 96.8 | 97.4 | 98.3 | 98.9 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | 34.3 | 91.8 | 93.2 | 95.1 | 96.8 | 97.4 | 98.3 | 98.9 | 98.9 | 99.4 | 99.5 | 99.5 | 99.6 | 99.8 | 99.9 | 100.0 |
| GE 100 | 34.3 | 91.8 | 93.2 | 95.1 | 96.8 | 97.4 | 98.3 | 98.9 | 98.9 | 99.4 | 99.5 | 99.5 | 99.6 | 99.8 | 99.9 | 100.0 |
| GE 0 | 34.3 | 91.8 | 93.2 | 95.1 | 96.8 | 97.4 | 98.3 | 98.9 | 98.9 | 99.4 | 99.5 | 99.5 | 99.6 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 26.8 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| GE 20000 | 30.6 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| GE 18000 | 31.0 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| GE 16000 | 31.1 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| GE 14000 | 32.2 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| GE 12000 | 32.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| GE 10000 | 33.5 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| GE 9000 | 33.5 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 8000 | 33.8 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| GE 7000 | 33.8 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 6000 | 33.8 | 70.3 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 5000 | 34.1 | 71.1 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| GE 4500 | 34.4 | 72.4 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| GE 4000 | 34.8 | 75.1 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| GE 3500 | 35.4 | 77.0 | 77.5 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | [illegible].7 | 77.7 | 77.7 | 77.7 |
| GE 3000 | 37.1 | 81.0 | 81.6 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| GE 2500 | 37.1 | 83.7 | 84.7 | 85.0 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 2000 | 38.0 | 85.8 | 86.8 | 87.3 | 87.7 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 1800 | 38.1 | 86.5 | 87.6 | 88.1 | 88.6 | 88.7 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE 1500 | 38.4 | 88.0 | 89.1 | 89.8 | 90.3 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 1200 | 38.7 | 89.8 | 91.2 | 91.9 | 92.4 | 92.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 1000 | 38.8 | 90.4 | 91.8 | 92.5 | 93.3 | 93.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 900 | 38.8 | 90.8 | 92.6 | 93.5 | 94.4 | 94.7 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 800 | 38.8 | 91.2 | 93.0 | 93.9 | 94.9 | 95.2 | 96.6 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 700 | 38.8 | 91.3 | 93.1 | 94.0 | 95.1 | 95.5 | 96.9 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 600 | 38.8 | 91.4 | 93.3 | 94.1 | 95.2 | 95.6 | 97.2 | 97.5 | 97.5 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 500 | 38.8 | 91.5 | 93.4 | 94.4 | 95.6 | 96.3 | 97.9 | 98.3 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 400 | 38.8 | 91.5 | 93.6 | 94.6 | 96.0 | 96.1 | 98.3 | 98.7 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 300 | 38.8 | 91.5 | 93.6 | 94.6 | 96.0 | 96.7 | 98.5 | 98.9 | 98.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 200 | 38.8 | 91.5 | 93.6 | 94.6 | 96.0 | 96.7 | 98.5 | 98.9 | 98.9 | 99.0 | 99[illegible] | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 100 | 38.8 | 91.5 | 93.6 | 94.6 | 96.0 | 96.7 | 98.5 | 98.9 | 98.9 | 99.0 | [illegible] | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 0 | 38.8 | 91.7 | 93.8 | 94.7 | 96.1 | 96.8 | 98.7 | 99.0 | 99.0 | 99.1 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 27.8 | 59.3 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| GE 20000 | 28.9 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 18000 | 29.3 | 63.3 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| GE 16000 | 29.7 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| GE 14000 | 29.7 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| GE 12000 | 30.1 | 67.9 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| GE 10000 | 30.8 | 69.8 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| GE 9000 | 30.8 | 69.9 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| GE 8000 | 30.8 | 71.2 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| GE 7000 | 30.8 | 71.9 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 6000 | 30.8 | 72.2 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 5000 | 31.1 | 74.0 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| GE 4500 | 31.6 | 75.1 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| GE 4000 | 32.3 | 76.6 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| GE 3500 | 32.8 | 79.3 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| GE 3000 | 33.2 | 81.5 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 2500 | 33.4 | 82.8 | 83.8 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| GE 2000 | 34.3 | 86.7 | 87.8 | 88.2 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 1800 | 34.5 | 87.7 | 88.9 | 89.2 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 1500 | 34.7 | 89.4 | 90.9 | 91.3 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 1200 | 34.7 | 90.6 | 92.0 | 92.4 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 1000 | 34.7 | 90.7 | 92.7 | 93.1 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 900 | 34.7 | 91.1 | 93.1 | 94.0 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 800 | 34.7 | 91.5 | 93.5 | 94.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 700 | 34.7 | 91.7 | 93.8 | 94.9 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 600 | 34.7 | 92.0 | 94.0 | 95.3 | 97.0 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 500 | 34.7 | 92.2 | 94.3 | 95.6 | 97.7 | 97.7 | 97.7 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 400 | 34.7 | 92.4 | 94.4 | 95.9 | 98.1 | 98.2 | 98.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 300 | 34.7 | 92.4 | 94.4 | 95.9 | 98.1 | 98.2 | 98.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 200 | 34.7 | 92.4 | 94.4 | 95.9 | 98.1 | 98.2 | 98.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 100 | 34.7 | 92.4 | 94.4 | 95.9 | 98.1 | 98.2 | 98.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| GE 0 | 34.7 | 92.4 | 94.4 | 95.9 | 98.1 | 98.2 | 98.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 772

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 27.3 | 60.4 | 60.7 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.4 | 61.4 | 61.4 | 61.4 |
| GE 20000 | 28.8 | 63.6 | 63.9 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 |
| GE 18000 | 28.8 | 63.7 | 64.0 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 |
| GE 16000 | 28.9 | 63.9 | 64.1 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 |
| GE 14000 | 29.2 | 64.4 | 64.7 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 |
| GE 12000 | 29.6 | 65.7 | 66.0 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 |
| GE 10000 | 29.7 | 67.3 | 67.5 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 |
| GE 9000 | 29.7 | 67.5 | 67.8 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 |
| GE 8000 | 29.8 | 69.4 | 69.8 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 7000 | 30.0 | 70.3 | 70.7 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 |
| GE 6000 | 30.0 | 70.4 | 70.8 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 |
| GE 5000 | 30.5 | 72.0 | 72.5 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 |
| GE 4500 | 30.9 | 73.6 | 74.1 | 74.6 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 4000 | 31.1 | 74.9 | 75.4 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 |
| GE 3500 | 31.7 | 77.0 | 77.5 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 |
| GE 3000 | 32.2 | 79.8 | 80.3 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 2500 | 32.5 | 81.3 | 82.1 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 2000 | 32.9 | 84.4 | 85.3 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 1800 | 33.2 | 85.2 | 86.1 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 |
| GE 1500 | 33.2 | 86.9 | 87.9 | 88.8 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 1200 | 33.2 | 88.0 | 89.2 | 90.4 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 1000 | 33.2 | 88.7 | 90.0 | 91.6 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE 900 | 33.2 | 89.8 | 91.5 | 93.6 | 94.6 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 800 | 33.2 | 90.1 | 91.9 | 94.2 | 95.7 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 700 | 33.2 | 90.5 | 92.5 | 95.0 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 600 | 33.2 | 90.5 | 92.8 | 95.5 | 97.2 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 500 | 33.2 | 90.7 | 93.0 | 95.8 | 97.6 | 97.9 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 400 | 33.2 | 90.7 | 93.0 | 95.8 | 97.8 | 98.0 | 98.4 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 300 | 33.2 | 90.7 | 93.0 | 95.8 | 97.8 | 98.0 | 98.6 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 200 | 33.2 | 90.7 | 93.0 | 95.8 | 97.8 | 98.2 | 98.7 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 100 | 33.2 | 90.7 | 93.0 | 95.8 | 97.8 | 98.2 | 98.7 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | 33.2 | 90.7 | 93.0 | 95.8 | 97.8 | 98.2 | 98.7 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 761

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover and total number of observations. It is presented by month and available 3-hour groups.

NOTES: 1. Some sources of punched data used for this summary report cloud amounts in eights. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in eights. The manner of conversion is given below:

| EIGHTS | TENTHS |
|---|---|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |

2. For Airways stations the symbols of clear, scattered, broken, overcast, and obscured were used as input for the total sky cover.

Clear was converted to 0/10
Scattered was converted to 3/10
Broken was converted to 9/10
Overcast was converted to 10/10
Obscured was converted to 10/10

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 STATION | MAXWELL AFB AL STATION NAME | 76-85 PERIOD | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 00-02 | | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | | |
| | 06-08 | 21.1 | | | 17.9 | | | | | | 15.6 | 45.5 | 6.5 | 783 |
| | 09-11 | 15.0 | | | 22.1 | | | | | | 16.9 | 46.0 | [illegible] | 887 |
| | 12-14 | 14.4 | | | 24.5 | | | | | | 21.5 | 39.7 | 6.6 | 890 |
| | 15-17 | 16.5 | | | 23.7 | | | | | | 21.5 | 38.3 | 6.5 | 887 |
| | 18-20 | 26.0 | | | 21.7 | | | | | | 13.7 | 38.6 | 5.7 | 881 |
| | 21-23 | 33.8 | | | 15.6 | | | | | | 12.1 | 38.5 | 5.4 | 877 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 21.1 | | | 20.9 | | | | | | 16.9 | 41.1 | 6.3 | 5205 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 STATION | MAXWELL AFB AL STATION NAME | 76-85 PERIOD | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00-02 | | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | | |
| | 06-08 | 18.8 | | | 21.3 | | | | | | 20.6 | 39.3 | 6.4 | 759 |
| | 09-11 | 19.1 | | | 22.3 | | | | | | 20.9 | 37.7 | 6.3 | 843 |
| | 12-14 | 15.5 | | | 26.3 | | | | | | 24.4 | 33.8 | 6.4 | 844 |
| | 15-17 | 15.0 | | | 30.6 | | | | | | 22.6 | 31.8 | 6.1 | 844 |
| | 18-20 | 22.6 | | | 28.1 | | | | | | 18.5 | 30.8 | 5.6 | 837 |
| | 21-23 | 34.2 | | | 18.4 | | | | | | 16.1 | 31.2 | 5.1 | 836 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.9 | | | 24.5 | | | | | | 20.5 | 34.1 | 6.0 | 4963 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 PERIOD | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAR | 00-02 | | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | | |
| | 06-08 | 18.1 | | | 19.8 | | | | | | 21.9 | 40.1 | 6.6 | 867 |
| | 09-11 | 16.3 | | | 20.9 | | | | | | 24.6 | 38.2 | 6.7 | 930 |
| | 12-14 | 13.8 | | | 21.4 | | | | | | 29.5 | 35.4 | 6.8 | 930 |
| | 15-17 | 10.9 | | | 23.9 | | | | | | 28.6 | 36.7 | 7.0 | 930 |
| | 18-20 | 17.2 | | | 24.4 | | | | | | 24.4 | 33.9 | 6.3 | 922 |
| | 21-23 | 30.9 | | | 20.1 | | | | | | 15.0 | 33.9 | 5.3 | 864 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.9 | | | 21.8 | | | | | | 24.0 | 36.8 | 6.5 | 5463 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — PERIOD
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | | |
| | 06-08 | 20.4 | | | 21.0 | | | | | | 24.7 | 33.9 | 6.2 | 849 |
| | 09-11 | 18.0 | | | 25.4 | | | | | | 27.8 | 28.8 | 6.1 | 899 |
| | 12-14 | 14.6 | | | 28.0 | | | | | | 29.1 | 28.3 | 6.3 | 900 |
| | 15-17 | 13.3 | | | 28.6 | | | | | | 27.8 | 30.3 | 6.4 | 900 |
| | 18-20 | 22.2 | | | 25.5 | | | | | | 22.8 | 29.4 | 5.8 | 881 |
| | 21-23 | 35.1 | | | 20.2 | | | | | | 13.2 | 31.4 | 4.9 | 771 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.6 | | | 24.8 | | | | | | 24.2 | 30.4 | 6.0 | 5200 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 PERIOD | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | | | | | | | | | | | | | |
| | 03-05 | 13.9 | | | 29.6 | | | | | | 25.5 | 31.0 | 6.3 | 216 |
| | 06-08 | 19.1 | | | 23.4 | | | | | | 25.6 | 31.9 | 6.2 | 927 |
| | 09-11 | 14.0 | | | 32.5 | | | | | | 27.2 | 26.3 | 6.1 | 930 |
| | 12-14 | 5.3 | | | 38.4 | | | | | | 33.1 | 23.2 | 6.5 | 930 |
| | 15-17 | 5.8 | | | 40.0 | | | | | | 30.5 | 23.7 | 6.3 | 930 |
| | 18-20 | 14.8 | | | 35.5 | | | | | | 25.2 | 24.5 | 5.8 | 918 |
| | 21-23 | 35.3 | | | 26.7 | | | | | | 16.0 | 21.9 | 4.4 | 606 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 15.5 | | | 32.3 | | | | | | 26.2 | 26.1 | 5.9 | 5457 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 PERIOD | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00-02 | | | | | | | | | | | | | |
| | 03-05 | 10.8 | | | 42.7 | | | | | | 24.4 | 22.1 | 5.7 | 213 |
| | 06-08 | 17.6 | | | 35.3 | | | | | | 28.1 | 19.0 | 5.5 | 885 |
| | 09-11 | 11.6 | | | 44.2 | | | | | | 31.5 | 12.8 | 5.4 | 890 |
| | 12-14 | 2.6 | | | 51.3 | | | | | | 34.1 | 12.0 | 5.8 | 891 |
| | 15-17 | 4.6 | | | 51.1 | | | | | | 28.2 | 16.2 | 5.7 | 892 |
| | 18-20 | 14.9 | | | 40.0 | | | | | | 24.9 | 20.2 | 5.5 | 891 |
| | 21-23 | 35.2 | | | 28.5 | | | | | | 21.5 | 14.8 | 4.3 | 594 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 13.9 | | | 41.9 | | | | | | 27.5 | 16.7 | 5.4 | 5255 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | | | | | | | | | | | | | |
| | 03-05 | 8.4 | | | 40.5 | | | | | | 27.0 | 24.2 | 6.1 | 215 |
| | 06-08 | 14.4 | | | 32.3 | | | | | | 27.3 | 26.0 | 6.0 | 919 |
| | 09-11 | 10.3 | | | 38.2 | | | | | | 32.3 | 19.2 | 6.0 | 929 |
| | 12-14 | 1.3 | | | 44.5 | | | | | | 37.9 | 16.3 | 6.4 | 926 |
| | 15-17 | 1.9 | | | 40.9 | | | | | | 33.2 | 24.1 | 6.6 | 914 |
| | 18-20 | 7.8 | | | 32.0 | | | | | | 28.4 | 31.9 | 6.7 | 901 |
| | 21-23 | 21.9 | | | 31.2 | | | | | | 21.8 | 25.1 | 5.4 | 602 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 9.4 | | | 37.1 | | | | | | 29.7 | 23.8 | 6.2 | 5406 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — PERIOD
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | | | | | | | | | | | | | |
| | 03-05 | 13.8 | | | 46.7 | | | | | | 21.0 | 18.6 | 5.1 | 210 |
| | 06-08 | 18.1 | | | 36.5 | | | | | | 23.9 | 21.5 | 5.4 | 904 |
| | 09-11 | 11.9 | | | 46.8 | | | | | | 29.1 | 12.2 | 5.2 | 918 |
| | 12-14 | .8 | | | 52.4 | | | | | | 36.4 | 10.4 | 5.9 | 929 |
| | 15-17 | 2.0 | | | 46.7 | | | | | | 32.2 | 19.1 | 6.2 | 928 |
| | 18-20 | 11.8 | | | 35.7 | | | | | | 34.1 | 18.4 | 6.0 | 922 |
| | 21-23 | 27.0 | | | 36.2 | | | | | | 20.7 | 16.1 | 4.6 | 614 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 12.2 | | | 43.0 | | | | | | 28.2 | 16.6 | 5.5 | 5425 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 PERIOD | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| SEP | 00-02 | | | | | | | | | | | | | |
| | 03-05 | 26.0 | | | 32.2 | | | | | | 18.3 | 23.6 | 5.0 | 208 |
| | 06-08 | 19.4 | | | 32.3 | | | | | | 20.2 | 28.2 | 5.6 | 893 |
| | 09-11 | 15.4 | | | 37.0 | | | | | | 23.4 | 24.1 | 5.6 | 900 |
| | 12-14 | 4.4 | | | 41.8 | | | | | | 32.7 | 21.1 | 6.3 | 900 |
| | 15-17 | 6.9 | | | 40.9 | | | | | | 30.0 | 22.2 | 6.1 | 900 |
| | 18-20 | 21.1 | | | 32.9 | | | | | | 23.9 | 22.2 | 5.4 | 897 |
| | 21-23 | 36.2 | | | 25.7 | | | | | | 19.9 | 18.2 | 4.4 | 599 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 18.5 | | | 34.7 | | | | | | 24.1 | 22.8 | 5.5 | 5297 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

# SKY COVER

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — PERIOD
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00-02 | | | | | | | | | | | | | |
| | 03-05 | 41.5 | | | 21.8 | | | | | | 15.0 | 21.8 | 4.2 | 193 |
| | 06-08 | 25.4 | | | 31.3 | | | | | | 18.2 | 25.0 | 5.1 | 900 |
| | 09-11 | 26.6 | | | 31.1 | | | | | | 19.6 | 22.7 | 5.0 | 925 |
| | 12-14 | 20.4 | | | 37.4 | | | | | | 22.1 | 20.1 | 5.1 | 927 |
| | 15-17 | 22.5 | | | 34.1 | | | | | | 25.0 | 18.3 | 5.1 | 927 |
| | 18-20 | 35.9 | | | 28.4 | | | | | | 16.1 | 19.6 | 4.3 | 927 |
| | 21-23 | 48.1 | | | 22.0 | | | | | | 10.7 | 19.3 | 3.5 | 628 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 31.5 | | | 29.4 | | | | | | 18.1 | 21.0 | 4.6 | 5427 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 STATION | MAXWELL AFB AL STATION NAME | 75-04 PERIOD | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NOV | 00-02 | | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | | |
| | 06-08 | 21.4 | | | 23.2 | | | | | | 19.9 | 35.5 | 6.0 | 794 |
| | 09-11 | 21.3 | | | 23.1 | | | | | | 22.4 | 33.1 | 6.0 | 896 |
| | 12-14 | 18.8 | | | 26.2 | | | | | | 23.5 | 31.4 | 6.0 | 897 |
| | 15-17 | 18.4 | | | 28.4 | | | | | | 24.1 | 29.1 | 5.9 | 897 |
| | 18-20 | 33.4 | | | 19.7 | | | | | | 16.5 | 30.3 | 5.1 | 897 |
| | 21-23 | 42.2 | | | 15.4 | | | | | | 13.8 | 28.6 | 4.6 | 896 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.3 | | | 22.7 | | | | | | 20.0 | 31.3 | 5.6 | 8277 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 PERIOD | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00-02 | | | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | | | |
| | 06-08 | 18.5 | | | 24.8 | | | | | | 20.7 | 35.9 | 6.2 | 685 |
| | 09-11 | 19.5 | | | 22.8 | | | | | | 23.9 | 33.8 | 6.2 | 841 |
| | 12-14 | 16.1 | | | 26.6 | | | | | | 27.8 | 29.4 | 6.2 | 837 |
| | 15-17 | 15.8 | | | 27.5 | | | | | | 28.9 | 27.8 | 6.2 | 816 |
| | 18-20 | 30.2 | | | 25.5 | | | | | | 15.3 | 29.0 | 5.0 | 772 |
| | 21-23 | 38.6 | | | 21.0 | | | | | | 12.5 | 27.9 | 4.5 | 761 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 23.1 | | | 24.7 | | | | | | 21.5 | 30.6 | 5.7 | 4712 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of repsentations follows:

1. Cumulative percentage frequency of occurrence--Derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths, of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

a. Daily HIGH temperatures (for available observations)
b. Daily LOW temperatures (for available observations)
c. Daily mean temperatures (high + low temperatures divided by two)

2. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and available 3-hour groups with all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\Sigma X^2$), sums of values ($\Sigma X$), means ($\bar{X}$), and standard deviations ($\sigma x$). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dewpoint temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

Continued on Reverse

4

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and again at the bottom for all hours combine. Summaries for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. Cumulative percentage frequency of occurrence of relative humidity--This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY TEMPERATURES

722285 — STATION
MAXWELL AFB AL — STATION NAME
37-56, 64-85 — YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 105 | | | | | | | .1 | | | | | | .0 |
| 100 | | | | | | 1.5 | 3.1 | 2.0 | .4 | | | | .4 |
| 95 | | | | | 2.3 | 19.4 | 25.0 | 17.9 | 7.0 | .2 | | | 6.0 |
| 90 | | | | .9 | 20.2 | 58.5 | 66.4 | 62.9 | 35.2 | 2.9 | | | 20.7 |
| 85 | | | 2.7 | 16.1 | 50.7 | 89.1 | 92.7 | 91.9 | 69.0 | 18.1 | .3 | | 35.7 |
| 80 | .7 | 1.8 | 14.8 | 42.9 | 78.1 | 97.0 | 98.2 | 98.3 | 85.7 | 46.7 | 6.5 | 1.7 | 48.0 |
| 75 | 5.9 | 9.7 | 31.6 | 65.3 | 91.9 | 99.6 | 99.8 | 100.0 | 94.1 | 67.6 | 22.9 | 8.1 | 58.4 |
| 70 | 15.7 | 22.8 | 56.0 | 82.2 | 97.4 | 99.7 | 100.0 | | 98.1 | 86.1 | 40.9 | 17.5 | 67.8 |
| 65 | 26.9 | 37.9 | 65.6 | 92.7 | 99.7 | 100.0 | | | 99.5 | 94.7 | 60.5 | 31.2 | 76.9 |
| 60 | 41.2 | 55.2 | 81.2 | 98.6 | 100.0 | | | | 99.8 | 98.3 | 75.1 | 48.6 | 83.4 |
| 55 | 57.1 | 70.6 | 90.6 | 99.7 | | | | | 100.0 | 99.8 | 87.7 | 65.6 | 89.3 |
| 50 | 71.7 | 83.3 | 95.5 | 99.9 | | | | | | 100.0 | 95.0 | 82.7 | 94.1 |
| 45 | 86.2 | 93.0 | 99.1 | 100.0 | | | | | | | 98.8 | 92.4 | 97.0 |
| 40 | 93.5 | 98.3 | 99.7 | | | | | | | | 99.5 | 97.6 | 99.0 |
| 35 | 97.6 | 99.7 | 99.9 | | | | | | | | 99.9 | 99.8 | 99.7 |
| 30 | 99.0 | 99.9 | 100.0 | | | | | | | | 100.0 | 100.0 | 99.9 |
| 25 | 99.9 | 100.0 | | | | | | | | | | | 100.0 |
| 20 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 56.8 | 60.5 | 68.5 | 76.9 | 84.0 | 90.1 | 91.2 | 90.6 | 86.3 | 77.8 | 66.3 | 59.2 | 75.7 |
| S. D. | 11.327 | 10.462 | 9.907 | 7.576 | 6.318 | 5.082 | 4.763 | 4.459 | 6.871 | 7.522 | 9.540 | 10.180 | 14.857 |
| TOTAL OBS. | 1227 | 1158 | 1240 | 1199 | 1240 | 1198 | 1240 | 1209 | 1200 | 1239 | 1164 | 1211 | 14530 |

USAFETAC FORM JUL 64 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY TEMPERATURES

122265 MAXWELL AFB AL 37-56, 64-85
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | | | | | | .8 | .2 | .1 | | .1 | | | .0 |
| 75 | | | | .1 | .3 | 13.4 | 26.8 | 20.5 | 8.9 | .4 | | | 5.6 |
| 70 | | | .3 | 1.3 | 13.5 | 65.4 | 91.7 | 86.4 | 44.2 | 5.7 | .1 | .3 | 25.9 |
| 65 | .8 | .6 | 3.7 | 11.5 | 48.0 | 90.2 | 99.1 | 98.3 | 71.6 | 17.6 | 2.1 | 1.0 | 37.2 |
| 60 | 4.0 | 3.9 | 13.2 | 32.8 | 73.4 | 97.8 | 100.0 | 100.0 | 89.8 | 34.1 | 9.2 | 4.0 | 47.0 |
| 55 | 9.3 | 10.4 | 27.7 | 55.7 | 89.5 | 99.5 | | | 95.7 | 55.6 | 18.6 | 10.1 | 56.3 |
| 50 | 16.8 | 18.7 | 42.9 | 75.5 | 97.5 | 100.0 | | | 99.2 | 74.3 | 34.2 | 18.1 | 65.0 |
| 45 | 27.5 | 33.5 | 60.4 | 91.2 | 99.9 | | | | 99.8 | 89.1 | 52.0 | 31.6 | 74.0 |
| 40 | 40.8 | 52.3 | 77.0 | 97.7 | 100.0 | | | | 100.0 | 97.2 | 69.0 | 48.4 | 82.0 |
| 35 | 59.3 | 71.7 | 91.2 | 99.8 | | | | | | 99.7 | 86.0 | 67.9 | 89.7 |
| 33 | 68.0 | 78.8 | 95.5 | 99.9 | | | | | | 99.9 | 90.8 | 76.8 | 92.5 |
| 30 | 79.5 | 87.1 | 98.1 | 100.0 | | | | | | 100.0 | 96.1 | 87.7 | 95.7 |
| 25 | 92.4 | 96.4 | 99.5 | | | | | | | | 99.0 | 96.7 | 98.7 |
| 20 | 96.6 | 99.5 | 100.0 | | | | | | | | 99.7 | 99.4 | 99.6 |
| 15 | 98.9 | 99.8 | | | | | | | | | 99.9 | 100.0 | 99.9 |
| 10 | 99.6 | 100.0 | | | | | | | | | 100.0 | | 100.0 |
| 5 | 99.9 | | | | | | | | | | | | 100.0 |
| 0 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 38.3 | 40.7 | 47.7 | 55.3 | 63.0 | 70.2 | 72.9 | 72.3 | 67.2 | 55.6 | 45.2 | 40.3 | 55.7 |
| S.D. | 10.990 | 9.881 | 9.740 | 7.667 | 6.079 | 4.332 | 2.657 | 2.910 | 5.927 | 8.667 | 9.820 | 9.984 | 14.866 |
| TOTAL OBS. | 1227 | 1158 | 1240 | 1199 | 1240 | 1198 | 1240 | 1209 | 1200 | 1239 | 1169 | 1211 | 14530 |

USAFETAC FORM JUL 64 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

# DAILY TEMPERATURES

722265 MAXWELL AFB AL — 37-56, 64-85

STATION — STATION NAME — YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 90 | | | | | | .8 | 1.2 | | | | | | .2 |
| ≥ 85 | | | | | .5 | 13.9 | 22.0 | 16.0 | 3.2 | .2 | | | 4.7 |
| ≥ 80 | | | | .7 | 12.3 | 62.4 | 81.3 | 77.5 | 38.3 | 2.6 | | | 23.1 |
| ≥ 75 | | | 2.6 | 11.1 | 47.7 | 90.6 | 98.2 | 97.9 | 70.2 | 14.7 | .5 | .4 | 36.3 |
| ≥ 70 | 1.5 | 2.1 | 10.7 | 35.7 | 78.1 | 98.4 | 100.0 | 100.0 | 89.6 | 38.1 | 6.2 | 2.1 | 47.1 |
| ≥ 65 | 7.3 | 8.0 | 27.4 | 62.2 | 93.7 | 100.0 | | | 97.1 | 63.5 | 18.3 | 8.2 | 57.4 |
| ≥ 60 | 15.1 | 20.0 | 45.8 | 82.7 | 99.2 | | | | 99.1 | 82.6 | 36.1 | 16.5 | 66.7 |
| ≥ 55 | 24.8 | 34.5 | 64.6 | 94.4 | 100.0 | | | | 99.9 | 95.1 | 55.6 | 28.8 | 75.0 |
| ≥ 50 | 40.6 | 53.2 | 80.5 | 98.9 | | | | | 100.0 | 99.2 | 75.2 | 47.0 | 83.0 |
| ≥ 45 | 59.5 | 72.5 | 93.2 | 99.8 | | | | | | 99.9 | 90.0 | 70.9 | 90.6 |
| ≥ 40 | 78.9 | 87.9 | 98.1 | 100.0 | | | | | | 100.0 | 96.7 | 89.0 | 95.9 |
| ≥ 35 | 91.0 | 96.5 | 99.7 | | | | | | | | 98.9 | 96.0 | 98.5 |
| ≥ 30 | 96.3 | 99.3 | 99.9 | | | | | | | | 99.8 | 99.2 | 99.5 |
| ≥ 25 | 98.5 | 99.9 | 100.0 | | | | | | | | 99.9 | 99.8 | 99.8 |
| ≥ 20 | 99.5 | 100.0 | | | | | | | | | 100.0 | 100.0 | 100.0 |
| ≥ 15 | 99.9 | | | | | | | | | | | | 100.0 |
| ≥ 10 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 47.6 | 50.8 | 58.2 | 66.2 | 73.6 | 80.3 | 82.1 | 81.6 | 76.9 | 66.8 | 55.9 | 49.8 | 65.8 |
| S. D. | 10.443 | 9.399 | 9.120 | 6.854 | 5.479 | 4.139 | 3.264 | 3.151 | 5.527 | 7.209 | 8.888 | 9.278 | 14.427 |
| TOTAL OBS. | 1227 | 1158 | 1240 | 1199 | 1240 | 1198 | 1240 | 1209 | 1200 | 1239 | 1169 | 1211 | 14530 |

USAFETAC FORM JUL 64 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

## MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 37-56, 64-85 (YEARS)

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | | * 80 | 79 | * 87 | 98 | 98 | 97 | 96 | 92 | 90 | 77 | 72 | |
| 38 | 74 | 77 | 84 | 89 | 94 | 94 | 96 | 101 | 96 | 91 | 85 | 73 | 101 |
| 39 | 75 | 81 | 84 | 85 | 92 | 97 | 100 | 96 | 94 | 91 | 78 | 75 | 100 |
| 40 | 67 | 73 | 82 | 86 | 93 | 94 | 98 | 97 | 97 | 87 | 79 | 73 | 98 |
| 41 | 70 | 67 | 75 | 87 | 96 | 96 | 97 | 97 | 97 | 94 | 78 | 76 | 97 |
| 42 | | | | | | | | | 95 | 86 | 80 | 79 | |
| 43 | 79 | 77 | 83 | 93 | 92 | 99 | 102 | 102 | 93 | 88 | 83 | 78 | 102 |
| 44 | 78 | 81 | 90 | 86 | 94 | 102 | 100 | 97 | 96 | 90 | 80 | 74 | 102 |
| 45 | 69 | 82 | 88 | 88 | 96 | 100 | 97 | 97 | 98 | 89 | 84 | 65 | 100 |
| 46 | 77 | 77 | 86 | 89 | 91 | 95 | 94 | 95 | 92 | 86 | 83 | 77 | 95 |
| 47 | 78 | 73 | 85 | 88 | 92 | 96 | 96 | 103 | 97 | 89 | 75 | 75 | 103 |
| 48 | 73 | 82 | 86 | 88 | 95 | 98 | 98 | 99 | 95 | 85 | 83 | 77 | 99 |
| 49 | 80 | 79 | 85 | 87 | 93 | 94 | 98 | 95 | 92 | 89 | 79 | 78 | 98 |
| 50 | 80 | 80 | 85 | 85 | 93 | 99 | 96 | 95 | 93 | 85 | 84 | 76 | 99 |
| 51 | 74 | 80 | 85 | 89 | 97 | 98 | 99 | 101 | 99 | 91 | 80 | 82 | 101 |
| 52 | 78 | 78 | 83 | 88 | 93 | 102 | 104 | 100 | 92 | 91 | 82 | 75 | 104 |
| 53 | 76 | 75 | 82 | 89 | 98 | 99 | 100 | 100 | 97 | 87 | 79 | 73 | 100 |
| 54 | 76 | 80 | 88 | 89 | 97 | 104 | 100 | 103 | 100 | 96 | 77 | 75 | 104 |
| 55 | 75 | 76 | 86 | 90 | 93 | 93 | 98 | 97 | 96 | 90 | 83 | 78 | 98 |
| 56 | 72 | 81 | 85 | 88 | 95 | 98 | 97 | | | | | | |
| 64 | 68 | 65 | 81 | 85 | 93 | 98 | 91 | 95 | 95 | 84 | 80 | 75 | 98 |
| 65 | 75 | 77 | 82 | 87 | 93 | 92 | 93 | 94 | 93 | 85 | 84 | 75 | 94 |
| 66 | 77 | 76 | 82 | 88 | 92 | 95 | 105 | 95 | 95 | 87 | 79 | 76 | 105 |
| 67 | 77 | 75 | 87 | 89 | 93 | 95 | 91 | 92 | 89 | 87 | 84 | 78 | 95 |
| 68 | 71 | 69 | 85 | 85 | 88 * | 98 | 100 | 98 | 94 | 89 | 82 | 75 | 100 |
| 69 | 75 | 78 | 86 | 88 | 96 | 104 | 103 | 93 | 95 | 87 | | 74 | |
| 70 | 74 | 72 | 79 | 92 | 95 | 97 | 99 | 94 | 95 | 91 | 76 | 81 | 99 |
| 71 | 82 | 80 | 77 | 87 | 90 | 96 | 100 | 93 | 92 | 91 | 87 | 83 | 100 |
| 72 | 79 | 81 | 82 | 92 | 88 | 98 | 97 | 97 | 97 | 88 | 83 | 80 | 98 |
| 73 | 73 | 71 | 86 | 82 | 89 | 91 | 94 | 94 | 93 | 91 | 83 | 77 | 94 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722265 STATION — MAXWELL AFB AL STATION NAME — 37-56, 64-85 YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74 | 78 | 79 | 86 | 85 | 89 | 90 | 93 | 92 | 91 | 81 | 82 | 75 | 93 |
| 75 | 81 | 81 | 86 | 89 | 95 | 94 | 95 | 95 | 94 | 91 | 82 | 77 | 95 |
| 76 | 71 | 79 | 87 | 90 | 85 | 95 | 100 | 96 | 90 | 88 | 74 | 67 | 100 |
| 77 | 65 | 84 | 84 | 90 | 95 | 100 | 101 | 94 | 93 | 91 | 78* | 82 | 101 |
| 78 | * 69 | 71 | 85 | 88 | 94 | 102 | 99 | 97 | 90 | 85 | 84* | 82 | 102 |
| 79 | * 70 | 78 | 82 | 84 | 88 | 97 | 99 | 95 | 94 | 86 | 77* | 76 | 99 |
| 80 | * 70 | 83 | 84 | 88 | 91 | 95 | 104 | 100 | 101* | 86 | 79* | 76 | 104 |
| 81 | * 67 | 78 | 82 | 86 | 91 | 100 | 99 | 95 | 94 | 92 | 79* | 72 | 100 |
| 82 | * 77 | 78 | 85 | 83 | 91 | 94 | 94 | 97 | 96 | 90* | 85* | 84 | 97 |
| 83 | * 69 | 70 | 80 | 83 | 88 | 91 | 98 | 101 | 93 | 90 | 80* | 81 | 101 |
| 84 | * 67 | 75 | 84 | 85 | 89 | 96 | 97 | 92 | 94 | 88 | 80* | 81 | 97 |
| 85 | * 77 | 77 | | | | | | | | | | | |
| MEAN | 74.8 | 76.9 | 83.6 | 87.4 | 92.6 | 96.8 | 98.0 | 96.7 | 94.7 | 88.6 | 80.6 | 75.8 | 99.0 |
| S.D. | 4.261 | 4.462 | 2.908 | 2.490 | 3.069 | 3.433 | 3.309 | 3.038 | 2.615 | 2.915 | 3.001 | 3.654 | 3.197 |
| TOTAL OBS. | 1227 | 1158 | 1240 | 1199 | 1240 | 1198 | 1240 | 1209 | 1200 | 1239 | 1169 | 1211 | 14530 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

## MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722265 (STATION) MAXWELL AFB AL (STATION NAME) 37-56, 64-85 (YEARS)

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | | * 26 | 30 | * 39 | 53 | 67 | 62 | 68 | 53 | 32 | 23 | 15 | |
| 38 | 22 | 27 | 32 | 38 | 52 | 33 | 68 | 67 | 52 | 36 | 21 | 27 | 21 |
| 39 | 32 | 26 | 36 | 38 | 48 | 68 | 70 | 63 | 60 | 38 | 29 | 26 | 26 |
| 40 | 10 | 26 | 31 | 30 | 45 | 59 | 64 | 65 | 48 | 44 | 22 | 30 | 10 |
| 41 | 29 | 26 | 26 | 45 | 49 | 64 | 71 | 68 | 62 | 48 | 30 | 30 | 26 |
| 42 | | | | | | | | | 47 | 33 | 33 | 26 | |
| 43 | 22 | 21 | 20 | 38 | 53 | 69 | 64 | 63 | 54 | 38 | 30 | 20 | 20 |
| 44 | 27 | 25 | 33 | 38 | 43 | 62 | 65 | 65 | 62 | 43 | 34 | 22 | 22 |
| 45 | 25 | 26 | 38 | 43 | 47 | 62 | 70 | 65 | 59 | 45 | 27 | 17 | 17 |
| 46 | 26 | 31 | 39 | 44 | 51 | 57 | 68 | 61 | 54 | 44 | 38 | 32 | 26 |
| 47 | 28 | 19 | 24 | 45 | 49 | 60 | 62 | 70 | 50 | 52 | 32 | 30 | 19 |
| 48 | 10 | 30 | 32 | 47 | 52 | 63 | 71 | 64 | 58 | 36 | 37 | 26 | 10 |
| 49 | 29 | 30 | 31 | 39 | 58 | 63 | 71 | 66 | 48 | 44 | 29 | 28 | 29 |
| 50 | 33 | 33 | 32 | 36 | 61 | 61 | 65 | 64 | 59 | 49 | 14 | 21 | 14 |
| 51 | 23 | 12 | 33 | 38 | 51 | 67 | 69 | 67 | 57 | 45 | 25 | 20 | 12 |
| 52 | 26 | 31 | 34 | 38 | 48 | 68 | 69 | 62 | 58 | 33 | 31 | 23 | 23 |
| 53 | 28 | 29 | 39 | 39 | 54 | 65 | 65 | 64 | 58 | 39 | 35 | 21 | 21 |
| 54 | 27 | 27 | 28 | 43 | 48 | 57 | 71 | 68 | 59 | 35 | 26 | 25 | 25 |
| 55 | 24 | 21 | 24 | 45 | 53 | 58 | 68 | 70 | 66 | 38 | 23 | 22 | 21 |
| 56 | 26 | 34 | 34 | 42 | 51 | 52 | 67 | | | | | | |
| 64 | 19 | 23 | 30 | 42 | 51 | 57 | 66 | 65 | 53 | 37 | 27 | 23 | 19 |
| 65 | 17 | 22 | 29 | 43 | 49 | 58 | 68 | 66 | 53 | 36 | 27 | 22 | 17 |
| 66 | 7 | 23 | 27 | 39 | 46 | 52 | 68 | 61 | 57 | 43 | 28 | 19 | 7 |
| 67 | 26 | 20 | 32 | 46 | 50 | 61 | 61 | 65 | 42 | 40 | 32 | 26 | 20 |
| 68 | 23 | 21 | 25 | 41 | 46 | * 58 | 69 | 60 | 56 | 33 | 27 | 20 | 20 |
| 69 | 18 | 29 | 25 | 46 | 52 | 57 | 71 | 64 | 54 | 45 | | 29 | |
| 70 | 10 | 17 | 31 | 40 | 52 | 60 | 62 | 69 | 54 | 46 | 17 | 24 | 10 |
| 71 | 16 | 15 | 28 | 36 | 45 | 64 | 67 | 67 | 60 | 41 | 28 | 33 | 15 |
| 72 | 10 | 24 | 33 | 38 | 53 | 52 | 64 | 68 | 55 | 45 | 32 | 26 | 10 |
| 73 | 23 | 23 | 36 | 33 | 47 | 64 | 70 | 65 | 54 | 40 | 38 | 25 | 23 |
| MEAN | | | | | | | | | | | | | |
| S. D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

USAFETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

722265 STATION — MAXWELL AFB AL STATION NAME — 37-56, 64-85 YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74 | 35 | 23 | 34 | 39 | 53 | 57 | 65 | 65 | 54 | 39 | 30 | 21 | 21 |
| 75 | 27 | 31 | 32 | 42 | 60 | 66 | 69 | 71 | 45 | 43 | 31 | 19 | 19 |
| 76 | 18 | 25 | 41 | 47 | 49 | 60 | 70 | 65 | 55 | 35 | 23 | 21 | 18 |
| 77 | 5 | 25 | 36 | 46 | 54 | 59 | 72 | 70 | 64 | 40 | 35* | 26 | 5 |
| 78 | * 22 | 24 | 26 | 46 | 52 | 63 | 71 | 69 | 65 | 40 | 45* | 28 | * 22 |
| 79 | * 19 | 22 | 35 | 44 | 51 | 62 | 67 | 62 | 61 | 43 | 26* | 27 | * 19 |
| 80 | * 27 | 22 | 21 | 45 | 52 | 59 | 70 | 67 | 62* | 39 | 30* | 30 | 21 |
| 81 | * 15 | 21 | 34 | 44 | 49 | 62 | 67 | 66 | 51 | 44 | 29* | 19 | * 15 |
| 82 | * 7 | 27 | 31 | 36 | 52 | 63 | 70 | 70 | 50 | 37* | 34* | 32 | * 7 |
| 83 | * 26 | 27 | 34 | 38 | 49 | 58 | 67 | 68 | 46 | 43 | 37* | 16 | * 16 |
| 84 | * 20 | 22 | 27 | 44 | 46 | 50 | 70 | 65 | 56 | 44 | 31* | 25 | * 20 |
| 85 | * 3 | 23 | | | | | | | | | | | |
| MEAN | 21.9 | 24.6 | 31.1 | 41.1 | 50.6 | 60.7 | 67.6 | 65.8 | 55.3 | 40.7 | 29.3 | 24.0 | 18.6 |
| S.D. | 7.843 | 4.706 | 4.875 | 4.091 | 3.801 | 4.615 | 2.977 | 2.768 | 5.598 | 4.798 | 6.021 | 4.410 | 5.725 |
| TOTAL OBS. | 1227 | 1158 | 1240 | 1199 | 1240 | 1198 | 1240 | 1209 | 1200 | 1239 | 1169 | 1211 | 14530 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
JAN — MONTH

PAGE 1

0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66/ 65 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | | |
| 64/ 63 | | 1.1 | .1 | | | | | | | | | | | | | | | 10 | 10 | 6 | 4 |
| 62/ 61 | .1 | 1.0 | .5 | | | | | | | | | | | | | | | 11 | 11 | 9 | 7 |
| 60/ 59 | .5 | .5 | .3 | | | | | | | | | | | | | | | 10 | 10 | 12 | 10 |
| 58/ 57 | .3 | .5 | .3 | | | | | | | | | | | | | | | 8 | 8 | 10 | 11 |
| 56/ 55 | | 1.4 | .3 | | .1 | | | | | | | | | | | | | 14 | 14 | 5 | 6 |
| 54/ 53 | | 2.3 | .1 | .1 | | .1 | .1 | | | | | | | | | | | 22 | 22 | 12 | 9 |
| 52/ 51 | .3 | 2.0 | .6 | | | | | | | | | | | | | | | 23 | 23 | 26 | 21 |
| 50/ 49 | .1 | 1.4 | .5 | .5 | | .5 | .3 | | | | | | | | | | | 26 | 26 | 17 | 25 |
| 48/ 47 | | 2.3 | 1.4 | .1 | | | | | | | | | | | | | | 30 | 30 | 14 | 8 |
| 46/ 45 | .3 | 2.1 | .5 | .5 | | | | | | | | | | | | | | 28 | 28 | 30 | 11 |
| 44/ 43 | .3 | 1.0 | 1.0 | .6 | | | | | | | | | | | | | | 29 | 29 | 29 | 23 |
| 42/ 41 | .8 | 2.5 | 2.1 | .6 | .3 | | | | | | | | | | | | | 50 | 50 | 30 | 34 |
| 40/ 39 | .1 | 3.9 | 2.6 | .6 | | | | | | | | | | | | | | 58 | 58 | 36 | 24 |
| 38/ 37 | .3 | 2.8 | 1.6 | 1.4 | .4 | | | | | | | | | | | | | 51 | 51 | 60 | 21 |
| 36/ 35 | .6 | 3.3 | 2.3 | 1.5 | .3 | | | | | | | | | | | | | 62 | 62 | 54 | 41 |
| 34/ 33 | .3 | 4.4 | 2.5 | 1.0 | .4 | | | | | | | | | | | | | 68 | 68 | 53 | 43 |
| 32/ 31 | .6 | 5.8 | 4.5 | 1.3 | | | | | | | | | | | | | | 97 | 97 | 70 | 61 |
| 30/ 29 | .6 | 2.4 | 4.9 | .6 | | | | | | | | | | | | | | 67 | 67 | 82 | 57 |
| 28/ 27 | .3 | 2.4 | 1.8 | .1 | | | | | | | | | | | | | | 36 | 36 | 57 | 32 |
| 26/ 25 | .3 | .5 | 1.9 | .3 | | | | | | | | | | | | | | 23 | 23 | 74 | 44 |
| 24/ 23 | .1 | .6 | 1.0 | | | | | | | | | | | | | | | 14 | 14 | 25 | 31 |
| 22/ 21 | | .4 | 1.6 | | | | | | | | | | | | | | | 16 | 16 | 21 | 52 |
| 20/ 19 | | 1.4 | 1.0 | .1 | | | | | | | | | | | | | | 20 | 20 | 18 | 54 |
| 18/ 17 | | .5 | .4 | | | | | | | | | | | | | | | 7 | 7 | 19 | 25 |
| 16/ 15 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 6 | 26 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 5 | 34 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 16 |
| 10/ 9 | | .3 | .1 | | | | | | | | | | | | | | | 3 | 3 | 1 | 15 |
| 8/ 7 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 14 |
| 6/ 5 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 7 |
| 4/ 3 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 4 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26 (LA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 76-85 | JAN |

PAGE 2 — HOURS (L. S. T.): 0600-0800

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -2/-3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/-5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/-7 | | | | | | | | | | | | | | | | | | | | | 3 |
| -8/-9 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.5 | 47.9 | 35.0 | 9.2 | 1.4 | .6 | .4 | | | | | | | | | | | 794 | 794 | 794 | 794 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 4641898 | 59448 | 74.9 | 15.517 | 794 |
| Dry Bulb | 1186956 | 29510 | 37.2 | 10.664 | 794 |
| Wet Bulb | 1042458 | 27438 | 34.6 | 10.904 | 794 |
| Dew Point | 842422 | 23450 | 29.5 | 13.769 | 794 |

Mean No. of Hours with Temperature

| | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | 34.2 | | | | | 93 |
| Wet Bulb | | 45.3 | | | | | 93 |
| Dew Point | 1.3 | 57.2 | | | | | 93 |

USAFETAC FORM JUL 82 0-26-3 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 76-85 | JAN |

PAGE 1 — HOURS (L.S.T.): 0900-1100

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/ 69 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | | |
| 68/ 67 | | .3 | .1 | | | .1 | .1 | | | | | | | | | | | 6 | 6 | 2 | 1 |
| 66/ 65 | .1 | .6 | .2 | | | | | | | | | | | | | | | 8 | 8 | 10 | 6 |
| 64/ 63 | .1 | 1.0 | .5 | .2 | .1 | | | | | | | | | | | | | 17 | 17 | 4 | 9 |
| 62/ 61 | | .7 | .2 | .3 | .2 | | | .2 | | | | | | | | | | 16 | 16 | 11 | 4 |
| 60/ 59 | .1 | .6 | .3 | .2 | .1 | .2 | | | | | | | | | | | | 14 | 14 | 11 | 9 |
| 58/ 57 | .1 | 1.2 | .3 | .1 | .1 | .3 | .1 | .1 | .1 | | | | | | | | | 24 | 24 | 13 | 11 |
| 56/ 55 | | 1.6 | .8 | 1.0 | .6 | .3 | .1 | .1 | | | | | | | | | | 40 | 40 | 24 | 14 |
| 54/ 53 | | 1.1 | .5 | .7 | .3 | .6 | | | | | | | | | | | | 28 | 28 | 19 | 16 |
| 52/ 51 | | 1.1 | 1.0 | .9 | .6 | .7 | | | | | | | | | | | | 38 | 38 | 21 | 20 |
| 50/ 49 | .2 | 1.6 | .9 | 1.4 | .7 | .7 | .2 | | | | | | | | | | | 50 | 50 | 29 | 19 |
| 48/ 47 | .1 | 1.1 | 1.5 | 1.7 | .9 | .2 | | | | | | | | | | | | 49 | 49 | 43 | 21 |
| 46/ 45 | .2 | 1.8 | 1.5 | 1.4 | .9 | .5 | .2 | | | | | | | | | | | 56 | 56 | 37 | 16 |
| 44/ 43 | .2 | 2.8 | 2.7 | 1.2 | 1.4 | .8 | | | | | | | | | | | | 81 | 81 | 50 | 36 |
| 42/ 41 | .1 | 2.0 | 1.7 | 1.8 | 1.1 | .7 | | | | | | | | | | | | 66 | 66 | 75 | 54 |
| 40/ 39 | | 1.5 | 2.6 | 2.3 | 1.8 | .6 | | | | | | | | | | | | 77 | 77 | 64 | 41 |
| 38/ 37 | | 2.1 | 1.1 | 1.8 | 1.8 | .5 | | | | | | | | | | | | 68 | 68 | 59 | 40 |
| 36/ 35 | .1 | 1.0 | 1.8 | 3.2 | 1.2 | | | | | | | | | | | | | 65 | 65 | 71 | 53 |
| 34/ 33 | | .7 | 1.0 | 1.2 | .9 | | | | | | | | | | | | | 34 | 34 | 52 | 45 |
| 32/ 31 | .3 | .8 | 2.9 | 2.7 | 1.1 | | | | | | | | | | | | | 70 | 70 | 66 | 61 |
| 30/ 29 | | .2 | 3.7 | 1.6 | | | | | | | | | | | | | | 31 | 31 | 63 | 34 |
| 28/ 27 | | | .5 | .0 | | | | | | | | | | | | | | 11 | 12 | 56 | 34 |
| 26/ 25 | .2 | .1 | .0 | .3 | | | | | | | | | | | | | | 13 | 13 | 42 | 34 |
| 24/ 23 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 25 | 29 |
| 22/ 21 | | .1 | .2 | .1 | | | | | | | | | | | | | | 6 | 6 | 11 | 51 |
| 20/ 19 | | .1 | .6 | .1 | | | | | | | | | | | | | | 7 | 7 | 9 | 38 |
| 18/ 17 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 4 | 45 |
| 16/ 15 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 6 | 32 |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 30 |
| 12/ 11 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 3 | 24 |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 20 |
| 8/ 7 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 21 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|
| | | | | | | |

USAFETAC FORM 0-26-3 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
JAN — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 2 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.0 | 24.4 | 26.7 | 25.1 | 13.9 | 6.1 | .8 | .5 | .1 | | | | | | | | | | 888 | | 887 |
| | | | | | | | | | | | | | | | | | | 887 | | 887 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≥0 F | ≥32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4043973 | 57519 | 64.8 | 18.827 | 887 | | | | | | | |
| Dry Bulb | 1704937 | 37813 | 42.6 | 10.337 | 888 | | 15.9 | .9 | | | | 93 |
| Wet Bulb | 1390831 | 33831 | 38.1 | 10.650 | 887 | | 30.5 | .2 | | | | 93 |
| Dew Point | 1026103 | 27241 | 30.7 | 14.624 | 887 | 1.5 | 50.6 | .1 | | | | 93 |

USAFETAC FORM 0-26-3 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
JAN — MONTH

PAGE 1

1200-1400 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | | | .7 | | | | | | | | | | | | | | 6 | 6 | | |
| 72/ 71 | | .1 | .1 | | .1 | | .3 | | | | | | | | | | | 6 | 6 | 1 | |
| 70/ 69 | | .1 | .2 | .1 | .1 | | .5 | | .1 | .1 | | | | | | | | 11 | 11 | 3 | |
| 68/ 67 | | | .2 | .2 | .2 | .1 | .1 | .2 | | .3 | | | | | | | | 13 | 13 | 8 | 4 |
| 66/ 65 | | .2 | .3 | .3 | .2 | .3 | .1 | .7 | .3 | .2 | | | | | | | | 26 | 26 | 5 | 5 |
| 64/ 63 | | .2 | .5 | .3 | .7 | .6 | .2 | .2 | .2 | | | | | | | | | 26 | 26 | 7 | 8 |
| 62/ 61 | | .6 | .8 | .3 | 1.2 | .5 | .7 | .5 | .2 | | | | | | | | | 42 | 42 | 7 | 4 |
| 60/ 59 | .1 | .6 | .7 | .9 | 1.0 | .8 | .3 | .6 | .1 | .2 | | | | | | | | 47 | 47 | 21 | 10 |
| 58/ 57 | .2 | .5 | .2 | .5 | .8 | .7 | .8 | .1 | .5 | | | | | | | | | 37 | 37 | 26 | 14 |
| 56/ 55 | .1 | .8 | .6 | .7 | .6 | 1.2 | 1.1 | .7 | .2 | | | | | | | | | 53 | 53 | 29 | 21 |
| 54/ 53 | | 1.0 | .2 | | 1.1 | .6 | 1.2 | .7 | | | | | | | | | | 43 | 43 | 35 | 10 |
| 52/ 51 | | .3 | .7 | .1 | 1.8 | 1.0 | 1.2 | .6 | | | | | | | | | | 51 | 51 | 41 | 22 |
| 50/ 49 | | .5 | 1.5 | .6 | 1.4 | 1.6 | 1.4 | .2 | | | | | | | | | | 62 | 62 | 38 | 24 |
| 48/ 47 | | 1.7 | 1.2 | .6 | 1.1 | 1.7 | 1.5 | .1 | | | | | | | | | | 70 | 70 | 44 | 26 |
| 46/ 45 | .2 | 1.7 | .7 | .8 | 1.6 | 1.5 | 1.0 | | | | | | | | | | | 66 | 66 | 67 | 36 |
| 44/ 43 | | 1.4 | 1.5 | 1.4 | 1.7 | 1.5 | 1.1 | | | | | | | | | | | 75 | 75 | 68 | 31 |
| 42/ 41 | | .8 | 1.0 | .6 | 1.5 | 2.1 | .1 | | | | | | | | | | | 54 | 54 | 62 | 37 |
| 40/ 39 | | .6 | 1.1 | .6 | 2.3 | 1.9 | | | | | | | | | | | | 57 | 57 | 72 | 38 |
| 38/ 37 | | .5 | .2 | .8 | .8 | 1.2 | | | | | | | | | | | | 31 | 31 | 69 | 38 |
| 36/ 35 | .1 | .2 | .2 | 1.4 | 1.5 | .5 | | | | | | | | | | | | 34 | 34 | 56 | 42 |
| 34/ 33 | | .2 | .2 | .7 | 1.4 | | | | | | | | | | | | | 22 | 22 | 56 | 39 |
| 32/ 31 | .1 | .6 | .5 | 1.0 | .8 | | | | | | | | | | | | | 26 | 26 | 57 | 45 |
| 30/ 29 | | .1 | .1 | .3 | .3 | | | | | | | | | | | | | 8 | 10 | 37 | 45 |
| 28/ 27 | | .3 | | .2 | | | | | | | | | | | | | | 5 | 5 | 34 | 34 |
| 26/ 25 | | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 4 | 4 | 24 | 34 |
| 24/ 23 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 8 | 22 |
| 22/ 21 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 7 | 41 |
| 20/ 19 | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | 1 | 64 |
| 18/ 17 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 3 | 34 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 3 | 42 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 28 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 17 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26 JUL 64 (LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722255 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
JAN — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 22 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 27 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| -6/ -9 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| TOTAL | .9 | 13.2 | 13.5 | 13.4 | 22.4 | 17.8 | 11.7 | 4.5 | 1.7 | .9 | | | | | | | | | 890 | | 888 |
| | | | | | | | | | | | | | | | | | | 888 | | 888 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 2958449 | 47765 | 53.8 | 20.947 | 888 |
| Dry Bulb | 2211969 | 43365 | 48.7 | 10.554 | 890 |
| Wet Bulb | 1633308 | 36986 | 41.7 | 10.229 | 888 |
| Dew Point | 1057268 | 27584 | 31.1 | 15.032 | 888 |

Mean No. of Hours with Temperature

| | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | 5.6 | 4.2 | 1.0 | | | 93 |
| Wet Bulb | | 18.4 | 1.3 | | | | 93 |
| Dew Point | .5 | 50.5 | .4 | | | | 93 |

USAFETAC FORM 0-26-5 (LA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
JAN — MONTH
PAGE 1
1500-1700 — HOURS (L.S.T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | | .2 | .2 | | | | | | | | | | | | | 4 | 4 | | |
| 74/ 73 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | | .3 | .1 | | | .3 | | | | | | | | | | | 7 | 7 | | |
| 70/ 69 | | .1 | | | .2 | | .5 | .1 | .5 | .2 | | | | | | | | 14 | 14 | 3 | |
| 68/ 67 | | .1 | | .3 | .3 | .1 | | .2 | | .6 | | | | | | | | 15 | 15 | 7 | 3 |
| 66/ 65 | | .2 | .3 | .6 | .1 | .3 | .2 | .1 | | | | | | | | | | 17 | 17 | 2 | 5 |
| 64/ 63 | .1 | .3 | .2 | .2 | .5 | 1.6 | .6 | .6 | .3 | | | | | | | | | 39 | 39 | 3 | 4 |
| 62/ 61 | | .3 | .3 | .5 | .3 | .3 | .2 | .6 | .1 | | | | | | | | | 24 | 24 | 13 | 4 |
| 60/ 59 | | 1.2 | .3 | .7 | .9 | 1.6 | .5 | .7 | .3 | .1 | | | | | | | | 56 | 56 | 18 | 9 |
| 58/ 57 | | .7 | .5 | .7 | .6 | .6 | .6 | .6 | .5 | .1 | | | | | | | | 41 | 41 | 20 | 14 |
| 56/ 55 | | .5 | .9 | .3 | .9 | .6 | 1.7 | 1.4 | | | | | | | | | | 55 | 55 | 28 | 20 |
| 54/ 53 | | 1.2 | .6 | | .8 | 1.4 | 2.0 | .8 | | | | | | | | | | 60 | 60 | 42 | 12 |
| 52/ 51 | | .5 | .9 | .5 | .7 | 1.4 | 1.4 | .3 | | | | | | | | | | 49 | 49 | 36 | 16 |
| 50/ 49 | | .3 | 1.7 | .6 | 1.1 | 2.6 | 1.5 | .5 | | | | | | | | | | 73 | 73 | 42 | 22 |
| 48/ 47 | .3 | 1.4 | .9 | 1.5 | 1.8 | 1.5 | 1.6 | .5 | | | | | | | | | | 83 | 83 | 48 | 34 |
| 46/ 45 | .2 | 2.3 | .6 | .8 | 1.2 | 1.8 | 1.1 | | | | | | | | | | | 71 | 71 | 59 | 32 |
| 44/ 43 | .1 | 1.4 | .2 | .9 | 1.1 | 1.6 | 1.0 | | | | | | | | | | | 56 | 56 | 82 | 29 |
| 42/ 41 | | .3 | 1.7 | .3 | 1.1 | 1.5 | .7 | | | | | | | | | | | 50 | 50 | 85 | 46 |
| 40/ 39 | | | .8 | .3 | 1.6 | 1.6 | .1 | | | | | | | | | | | 39 | 39 | 64 | 42 |
| 38/ 37 | | .3 | .8 | .8 | 1.1 | 1.2 | | | | | | | | | | | | 38 | 38 | 62 | 28 |
| 36/ 35 | | .7 | .1 | .6 | 1.7 | .8 | | | | | | | | | | | | 34 | 34 | 58 | 27 |
| 34/ 33 | | | | .1 | 1.4 | | | | | | | | | | | | | 15 | 15 | 91 | 38 |
| 32/ 31 | .1 | .8 | .6 | .1 | .8 | | | | | | | | | | | | | 21 | 21 | 45 | 65 |
| 30/ 29 | .1 | .3 | | .3 | .5 | | | | | | | | | | | | | 11 | 11 | 44 | 17 |
| 28/ 27 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 31 | 52 |
| 26/ 25 | | .2 | .2 | .3 | | | | | | | | | | | | | | 7 | 7 | 16 | 30 |
| 24/ 23 | | .3 | | .1 | | | | | | | | | | | | | | 2 | 2 | 11 | 28 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 8 | 39 |
| 20/ 19 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 4 | 64 |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 25 |
| 16/ 15 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 27 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 36 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-1 (L-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
JAN — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 68/ 67 | | | .1 | | | .2 | | | | | | | | | | | | 3 | 3 | | |
| 66/ 65 | | .5 | .2 | .5 | .2 | | | | | | | | | | | | | 12 | 12 | 1 | |
| 64/ 63 | | .2 | .6 | .1 | .1 | .2 | | | | | | | | | | | | 11 | 11 | 7 | 4 |
| 62/ 61 | .2 | .3 | .1 | .2 | .6 | .1 | .1 | .1 | | | | | | | | | | 16 | 16 | 8 | 6 |
| 60/ 59 | .1 | .7 | .5 | .7 | .2 | .1 | .3 | | | | | | | | | | | 23 | 23 | 13 | 5 |
| 58/ 57 | .1 | .5 | .1 | .2 | .8 | .6 | | .1 | | | | | | | | | | 21 | 21 | 16 | 14 |
| 56/ 55 | | 1.6 | .7 | .7 | .8 | .5 | .3 | | | | | | | | | | | 40 | 40 | 12 | 7 |
| 54/ 53 | | 1.4 | 1.1 | .3 | .5 | .9 | .2 | .1 | | | | | | | | | | 40 | 40 | 26 | 12 |
| 52/ 51 | | 2.0 | 1.1 | .2 | .7 | .9 | .8 | | | | | | | | | | | 51 | 51 | 28 | 25 |
| 50/ 49 | .1 | .9 | 1.1 | 1.0 | 1.2 | 1.4 | .3 | | | | | | | | | | | 54 | 54 | 46 | 23 |
| 48/ 47 | .9 | .9 | 1.9 | 1.8 | 1.2 | 1.1 | .2 | | | | | | | | | | | 72 | 72 | 43 | 38 |
| 46/ 45 | .3 | 1.4 | 1.8 | 1.4 | 2.8 | .7 | | | | | | | | | | | | 74 | 74 | 41 | 28 |
| 44/ 43 | .1 | 1.4 | 2.3 | 2.3 | 1.5 | .5 | .3 | | | | | | | | | | | 73 | 73 | 62 | 20 |
| 42/ 41 | .3 | 1.0 | 2.2 | 1.9 | 1.5 | .3 | | | | | | | | | | | | 64 | 64 | 64 | 66 |
| 40/ 39 | | 1.2 | 2.2 | 2.2 | 2.2 | .3 | | | | | | | | | | | | 71 | 71 | 81 | 42 |
| 38/ 37 | | 1.1 | 1.4 | 2.6 | 1.1 | .2 | | | | | | | | | | | | 57 | 57 | 83 | 37 |
| 36/ 35 | .3 | .8 | 1.7 | 2.0 | 2.6 | | | | | | | | | | | | | 66 | 66 | 60 | 40 |
| 34/ 33 | | .2 | .7 | 1.4 | 1.0 | | | | | | | | | | | | | 29 | 29 | 60 | 41 |
| 32/ 31 | | 1.4 | .3 | 3.2 | .7 | | | | | | | | | | | | | 49 | 49 | 56 | 73 |
| 30/ 29 | .3 | | .9 | .8 | | | | | | | | | | | | | | 18 | 18 | 57 | 50 |
| 28/ 27 | | .1 | .6 | .7 | | | | | | | | | | | | | | 12 | 12 | 36 | 54 |
| 26/ 25 | | | .2 | .3 | | | | | | | | | | | | | | 5 | 5 | 39 | 45 |
| 24/ 23 | | .3 | .6 | | | | | | | | | | | | | | | 8 | 8 | 18 | 32 |
| 22/ 21 | | .1 | .2 | .1 | | | | | | | | | | | | | | 4 | 4 | 12 | 28 |
| 20/ 19 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 6 | 50 |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | 17 |
| 16/ 15 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 26 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 30 |
| 12/ 11 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 1 | 43 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 16 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 2 | 10 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 6 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
JAN — MONTH

PAGE 2

1800-2000 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.0 | 18.0 | 23.4 | 24.7 | 19.8 | 8.1 | 2.7 | .3 | | | | | | | | | | 881 | 881 | 881 | 881 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3737289 | 54941 | 62.4 | 18.801 | 881 | | | | | | | |
| Dry Bulb | 1787253 | 38781 | 44.0 | 9.543 | 881 | | 10.9 | .4 | | | | 93 |
| Wet Bulb | 1419514 | 34328 | 39.0 | 9.649 | 881 | | 24.6 | | | | | 93 |
| Dew Point | 1008110 | 27308 | 31.0 | 13.554 | 881 | .5 | 52.4 | | | | | 93 |

USAFETAC FORM 0-26-1 JUL 64 (LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
JAN — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66/ 65 | | .2 | .2 | .2 | .1 | | | | | | | | | | | | | 7 | 7 | | |
| 64/ 63 | | .2 | .3 | .2 | | | | | | | | | | | | | | 7 | 7 | 3 | 2 |
| 62/ 61 | | .8 | .6 | .3 | .1 | | | | | | | | | | | | | 16 | 16 | 5 | 2 |
| 60/ 59 | .3 | .9 | | .5 | .1 | | | | | | | | | | | | | 16 | 16 | 19 | 9 |
| 58/ 57 | .3 | .2 | .3 | .6 | .6 | .1 | .2 | | | | | | | | | | | 21 | 21 | 15 | 19 |
| 56/ 55 | | .7 | .5 | .5 | .9 | | | | | | | | | | | | | 22 | 22 | 5 | 5 |
| 54/ 53 | | 1.0 | .5 | .1 | .2 | .1 | .1 | | | | | | | | | | | 18 | 18 | 14 | 8 |
| 52/ 51 | | 2.6 | 1.4 | .6 | | .1 | .2 | | | | | | | | | | | 43 | 43 | 28 | 14 |
| 50/ 49 | .2 | 1.4 | 1.2 | .9 | 1.3 | .6 | | | | | | | | | | | | 54 | 54 | 37 | 28 |
| 48/ 47 | .2 | 1.9 | 1.4 | .6 | .8 | .9 | | | | | | | | | | | | 51 | 51 | 40 | 26 |
| 46/ 45 | .2 | .5 | 1.3 | 1.5 | .8 | .1 | | | | | | | | | | | | 38 | 38 | 34 | 23 |
| 44/ 43 | .3 | 2.6 | 3.0 | 2.5 | | .1 | .1 | | | | | | | | | | | 76 | 76 | 34 | 36 |
| 42/ 41 | .3 | 1.8 | 2.5 | 1.3 | .6 | .5 | | | | | | | | | | | | 61 | 61 | 53 | 36 |
| 40/ 39 | .3 | 2.4 | 3.9 | 2.1 | .8 | | | | | | | | | | | | | 83 | 83 | 72 | 38 |
| 38/ 37 | .1 | 1.6 | 1.9 | 1.9 | .8 | | | | | | | | | | | | | 56 | 56 | 72 | 34 |
| 36/ 35 | .2 | 1.6 | 2.7 | 2.1 | .3 | | | | | | | | | | | | | 61 | 61 | 73 | 43 |
| 34/ 33 | .1 | 2.2 | 2.1 | 3.1 | 1.0 | | | | | | | | | | | | | 74 | 74 | 55 | 51 |
| 32/ 31 | .1 | 2.1 | 3.1 | 2.8 | .3 | | | | | | | | | | | | | 74 | 74 | 65 | 67 |
| 30/ 29 | .3 | .3 | 1.8 | 1.5 | | | | | | | | | | | | | | 35 | 35 | 72 | 57 |
| 28/ 27 | .1 | .6 | 1.3 | 1.0 | | | | | | | | | | | | | | 26 | 26 | 50 | 42 |
| 26/ 25 | | | 1.0 | .2 | | | | | | | | | | | | | | 11 | 11 | 50 | 46 |
| 24/ 23 | | .2 | .6 | | | | | | | | | | | | | | | 7 | 7 | 31 | 37 |
| 22/ 21 | | .1 | .5 | | | | | | | | | | | | | | | 5 | 5 | 17 | 35 |
| 20/ 19 | | .2 | .5 | | | | | | | | | | | | | | | 7 | 7 | 6 | 43 |
| 18/ 17 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 8 | 22 |
| 16/ 15 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 4 | 27 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 36 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 2 | 37 |
| 10/ 9 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | 18 |
| 8/ 7 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 10 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 2 | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

USAFETAC FORM 0-26-5 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
JAN — MONTH
PAGE 2
2100-2300 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 3.4 | 26.7 | 33.6 | 24.4 | 8.8 | 2.5 | .7 | | | | | | | | | | | 878 | 878 | 878 | 878 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4321483 | 59795 | 68.1 | 16.858 | 878 | | | | | | | |
| Dry Bulb | 1560850 | 35992 | 41.0 | 9.869 | 878 | | 18.4 | | | | | 93 |
| Wet Bulb | 1297097 | 32593 | 37.1 | 9.971 | 878 | | 32.7 | | | | | 93 |
| Dew Point | 976580 | 26894 | 30.6 | 13.199 | 878 | .6 | 52.3 | | | | | 93 |

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | | |
| 68/ 67 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | |
| 66/ 65 | | .4 | .3 | | | | | | | | | | | | | | | 5 | 5 | | |
| 64/ 63 | | .5 | .5 | | .1 | | | | | | | | | | | | | 9 | 9 | 6 | |
| 62/ 61 | .1 | .9 | .4 | | | | | | | | | | | | | | | 11 | 11 | 8 | 4 |
| 60/ 59 | .3 | 1.4 | 1.4 | .3 | | | | | | | | | | | | | | 26 | 26 | 16 | 8 |
| 58/ 57 | .1 | 2.1 | 1.0 | .1 | .1 | | | | | | | | | | | | | 27 | 27 | 18 | 15 |
| 56/ 55 | | 1.4 | 1.0 | .5 | .1 | | | | | | | | | | | | | 24 | 24 | 25 | 18 |
| 54/ 53 | | 1.4 | 1.6 | .5 | .4 | | | | | | | | | | | | | 32 | 32 | 20 | 24 |
| 52/ 51 | | .9 | 2.5 | 1.3 | .3 | .3 | | | | | | | | | | | | 40 | 40 | 24 | 19 |
| 50/ 49 | .3 | 2.5 | 2.0 | 1.0 | .1 | | | | | | | | | | | | | 45 | 45 | 33 | 20 |
| 48/ 47 | .1 | 3.8 | 1.7 | 1.0 | | | | | | | | | | | | | | 51 | 51 | 44 | 37 |
| 46/ 45 | .4 | 2.4 | 2.5 | 1.2 | .3 | | | | | | | | | | | | | 51 | 51 | 54 | 34 |
| 44/ 43 | .1 | 2.0 | 3.8 | 1.0 | .5 | | | | | | | | | | | | | 57 | 57 | 52 | 34 |
| 42/ 41 | | 2.1 | 2.4 | .7 | 1.0 | | | | | | | | | | | | | 47 | 47 | 45 | 45 |
| 40/ 39 | .4 | 1.7 | 2.7 | 1.3 | .1 | | | | | | | | | | | | | 48 | 48 | 55 | 37 |
| 38/ 37 | .1 | 2.2 | 2.7 | 1.3 | .1 | | | | | | | | | | | | | 50 | 50 | 43 | 45 |
| 36/ 35 | .4 | 2.0 | 3.0 | 1.2 | .1 | | | | | | | | | | | | | 51 | 51 | 51 | 49 |
| 34/ 33 | | 1.8 | 2.1 | .6 | .5 | | | | | | | | | | | | | 40 | 40 | 49 | 31 |
| 32/ 31 | .3 | 3.8 | 3.3 | 1.0 | | | | | | | | | | | | | | 64 | 64 | 48 | 50 |
| 30/ 29 | | 1.4 | 1.0 | .4 | | | | | | | | | | | | | | 22 | 22 | 51 | 40 |
| 28/ 27 | .1 | 2.0 | 2.1 | .1 | | | | | | | | | | | | | | 33 | 33 | 45 | 38 |
| 26/ 25 | | .3 | 1.7 | .1 | | | | | | | | | | | | | | 16 | 16 | 33 | 43 |
| 24/ 23 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 26 | 21 |
| 22/ 21 | | .4 | 1.2 | | | | | | | | | | | | | | | 12 | 12 | 7 | 33 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 9 | 43 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 | 9 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 16 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 25 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 13 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

USAFETAC FORM JUL 64 0-26-3 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH
PAGE 2
0600-0800 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WT 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.9 | 37.4 | 41.3 | 14.1 | 3.9 | .4 | | | | | | | | | | | | 765 | | 765 | |
| | | | | | | | | | | | | | | | | | | 765 | | 765 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4328140 | 56984 | 74.5 | 13.708 | 765 | | | | | | | |
| Dry Bulb | 1463945 | 32563 | 42.6 | 10.096 | 765 | | 16.3 | .3 | | | | 84 |
| Wet Bulb | 1270448 | 30180 | 39.5 | 10.221 | 765 | | 24.8 | | | | | 84 |
| Dew Point | 1043071 | 26557 | 34.7 | 12.592 | 765 | | 37.4 | | | | | 84 |

USAFETAC FORM JUL 64 0-26-5 (JUL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH

PAGE 1
0900-1100 HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | | | | .4 | | | | | | | | | | | | 3 | 3 | | |
| 74/ 73 | | | | | .2 | .1 | | .1 | | .1 | | | | | | | | 5 | 5 | | |
| 72/ 71 | | | | .1 | .1 | .1 | .4 | | .1 | | | | | | | | | 7 | 7 | | |
| 70/ 69 | | .1 | .2 | .4 | .2 | .4 | | .4 | .2 | .1 | | | | | | | | 17 | 17 | 1 | |
| 68/ 67 | | | .2 | .1 | .6 | .4 | .5 | .6 | .2 | | | | | | | | | 22 | 22 | 1 | 1 |
| 66/ 65 | .1 | .2 | .5 | .5 | .6 | .2 | .9 | .2 | .2 | | | | | | | | | 30 | 30 | 8 | 1 |
| 64/ 63 | .1 | .8 | 1.4 | .2 | .4 | .7 | | .4 | | | | | | | | | | 34 | 34 | 21 | 4 |
| 62/ 61 | | .7 | .7 | .9 | .6 | 1.2 | .2 | .2 | | | | | | | | | | 39 | 39 | 23 | 3 |
| 60/ 59 | | .9 | 1.3 | .6 | .5 | .8 | .7 | | | | | | | | | | | 41 | 41 | 25 | 18 |
| 58/ 57 | | .7 | 1.1 | 1.1 | .8 | .7 | .5 | .2 | | | | | | | | | | 43 | 43 | 31 | 22 |
| 56/ 55 | .2 | .2 | .8 | .6 | .9 | .6 | .5 | .1 | | | | | | | | | | 34 | 34 | 41 | 21 |
| 54/ 53 | .1 | .7 | .6 | .7 | 1.5 | 1.1 | .2 | .2 | | | | | | | | | | 44 | 44 | 47 | 32 |
| 52/ 51 | | .8 | 1.6 | 1.3 | 1.3 | .6 | .1 | .1 | | | | | | | | | | 50 | 50 | 46 | 19 |
| 50/ 49 | | 1.1 | .8 | 1.2 | 1.6 | .8 | .8 | | | | | | | | | | | 54 | 54 | 36 | 34 |
| 48/ 47 | | 1.4 | .9 | 2.9 | 1.8 | .6 | .2 | .1 | | | | | | | | | | 68 | 68 | 55 | 28 |
| 46/ 45 | .4 | .9 | 1.3 | 1.3 | 1.5 | 1.1 | | | | | | | | | | | | 55 | 55 | 55 | 35 |
| 44/ 43 | | 1.6 | 1.3 | 1.2 | 1.9 | .5 | .1 | | | | | | | | | | | 56 | 56 | 51 | 49 |
| 42/ 41 | .1 | .5 | .9 | 2.5 | 1.1 | .9 | | | | | | | | | | | | 51 | 51 | 71 | 46 |
| 40/ 39 | | .4 | 2.1 | 1.6 | 1.2 | .5 | | | | | | | | | | | | 49 | 49 | 45 | 42 |
| 38/ 37 | .1 | .5 | 1.5 | 1.2 | 1.5 | .1 | | | | | | | | | | | | 42 | 42 | 59 | 43 |
| 36/ 35 | .1 | .8 | 1.3 | 2.0 | .7 | | | | | | | | | | | | | 42 | 42 | 56 | 50 |
| 34/ 33 | | .2 | .5 | 1.4 | .6 | | | | | | | | | | | | | 23 | 23 | 49 | 42 |
| 32/ 31 | | .1 | .5 | 1.5 | .1 | | | | | | | | | | | | | 19 | 19 | 36 | 57 |
| 30/ 29 | | .1 | .7 | .5 | | | | | | | | | | | | | | 11 | 11 | 32 | 45 |
| 28/ 27 | | .1 | .5 | .1 | | | | | | | | | | | | | | 6 | 6 | 23 | 30 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 21 | 33 |
| 24/ 23 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 9 | 20 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 35 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 35 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 1 | 22 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 22 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 27 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 13 |

WET BULB TEMPERATURE DEPRESSION (F)

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26 JUL 64 (LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH
PAGE 2
0900-1100 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 107/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 87/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 67/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 47/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| 27/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.3 | 13.1 | 21.2 | 24.1 | 19.8 | 11.7 | 5.2 | 2.8 | .8 | .2 | | | | | | | | | 849 | | 849 |
| | | | | | | | | | | | | | | | | | | 849 | | 849 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3434626 | 51906 | 61.1 | 17.551 | 849 |
| Dry Bulb | 2175163 | 41985 | 49.5 | 10.800 | 849 |
| Wet Bulb | 1693579 | 36919 | 43.5 | 10.195 | 849 |
| Dew Point | 1227909 | 30269 | 35.7 | 13.244 | 849 |

| Mean No. of Hours with Temperature | ≤0 F | ≤32 F | ≤67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|
| | | 3.0 | 5.4 | .0 | | | 84 |
| | | 12.4 | .4 | | | | 84 |
| | | 35.0 | .1 | | | | 84 |

USAFETAC FORM JUL 64 0-26-5 (OLAI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| 722265 | MAXWELL AFB AL | 76-85 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1 — 1200-1400 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | | | | | .1 | .1 | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | | | .1 | | .1 | | | .1 | | | | | 3 | 3 | | |
| 78/ 77 | | | | | | .1 | .4 | .2 | .4 | .1 | .7 | .1 | .2 | | | | | 19 | 19 | | |
| 76/ 75 | | | | | | .2 | .2 | .6 | .2 | .4 | .7 | .1 | | | | | | 21 | 21 | | |
| 74/ 73 | | | | .1 | .4 | .2 | .5 | .1 | .6 | .5 | .1 | | | | | | | 21 | 21 | | |
| 72/ 71 | | | .4 | .1 | .2 | .9 | .5 | .5 | .5 | .8 | .5 | | | | | | | 41 | 41 | | |
| 70/ 69 | | | .1 | .2 | .2 | .6 | 1.4 | 1.6 | .7 | .4 | .1 | | | | | | | 50 | 50 | 4 | |
| 68/ 67 | | | .7 | .2 | .6 | 1.3 | .7 | .4 | .8 | .4 | | | | | | | | 44 | 44 | 1 | 1 |
| 66/ 65 | | .2 | .9 | .5 | .6 | .4 | .5 | .2 | .9 | .5 | | | | | | | | 40 | 40 | 14 | 2 |
| 64/ 63 | | | .6 | .5 | .4 | .7 | .4 | .6 | 1.8 | .2 | | | | | | | | 43 | 43 | 21 | |
| 62/ 61 | | .5 | .5 | .2 | .2 | .6 | .6 | 1.6 | 1.3 | | | | | | | | | 47 | 47 | 33 | 12 |
| 60/ 59 | | .5 | .4 | .4 | .2 | .5 | .6 | .8 | .6 | | | | | | | | | 34 | 34 | 48 | 13 |
| 58/ 57 | | .2 | .7 | .4 | .5 | .5 | .9 | 1.1 | .4 | | | | | | | | | 35 | 35 | 61 | 20 |
| 56/ 55 | | .7 | .7 | .6 | .4 | .8 | .9 | .7 | .6 | | | | | | | | | 46 | 46 | 47 | 22 |
| 54/ 53 | | .5 | .2 | .4 | .9 | .7 | 1.1 | 1.4 | .2 | | | | | | | | | 46 | 46 | 37 | 35 |
| 52/ 51 | | .5 | .4 | .6 | .8 | 1.2 | 1.2 | .9 | | | | | | | | | | 45 | 45 | 56 | 24 |
| 50/ 49 | | .7 | .9 | .5 | .6 | 2.0 | .9 | .6 | | | | | | | | | | 54 | 54 | 43 | 34 |
| 48/ 47 | .1 | .8 | .6 | 1.4 | 1.4 | .9 | 1.5 | .2 | | | | | | | | | | 60 | 60 | 70 | 26 |
| 46/ 45 | | 1.4 | .8 | .5 | .8 | 1.9 | .7 | | | | | | | | | | | 52 | 52 | 52 | 37 |
| 44/ 43 | | .7 | 1.9 | .7 | 1.2 | .7 | .4 | | | | | | | | | | | 47 | 47 | 57 | 39 |
| 42/ 41 | | .4 | .9 | .6 | .7 | .9 | | | | | | | | | | | | 30 | 30 | 64 | 40 |
| 40/ 39 | | .4 | | .7 | .8 | .4 | | | | | | | | | | | | 23 | 23 | 76 | 30 |
| 38/ 37 | | .4 | .6 | .4 | 1.2 | .5 | | | | | | | | | | | | 25 | 25 | 49 | 45 |
| 36/ 35 | | | | .2 | .5 | | | | | | | | | | | | | 6 | 6 | 45 | 39 |
| 34/ 33 | | .4 | .1 | .2 | .5 | | | | | | | | | | | | | 10 | 10 | 30 | 36 |
| 32/ 31 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 21 | 63 |
| 30/ 29 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 19 | 42 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 8 | 39 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 4 | 45 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 1 | 13 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 26 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 35 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 29 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-1 JUL 64 (LAI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 76-85 | FEB |

PAGE 2

1200-1400
HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 26 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 25 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 12 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 9 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 8.1 | 10.7 | 9.4 | 13.2 | 16.6 | 13.3 | 11.7 | 9.4 | 4.5 | 2.4 | .2 | .4 | | | | | | 849 | | 849 |
| | | | | | | | | | | | | | | | | | | 849 | | 849 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 2588490 | 41560 | 49.0 | 20.318 | 849 |
| Dry Bulb | 2800092 | 47776 | 56.3 | 11.471 | 849 |
| Wet Bulb | 1936007 | 39717 | 46.8 | 9.591 | 849 |
| Dew Point | 1209217 | 29969 | 35.3 | 13.359 | 849 |

| Mean No. of Hours with Temperature | ≤0 F | ≤32 F | ≤67 F | ≤73 F | ≤80 F | ≤93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | .4 | 20.0 | 8.8 | .6 | | 84 |
| Wet Bulb | | 5.2 | .5 | | | | 84 |
| Dew Point | | 36.8 | .3 | | | | 84 |

USAFETAC FORM 0-26-5 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH
PAGE 1
1500-1700 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | | | | | .2 | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | | | | .1 | .1 | | | .2 | | | | | 4 | 4 | | |
| 80/ 79 | | | | | | | | .2 | .1 | | .1 | | | | | | | 4 | 4 | | |
| 78/ 77 | | | | | | .1 | .1 | | .6 | | 1.4 | .4 | .2 | | | | | 24 | 24 | | |
| 76/ 75 | | | | | .1 | .4 | .4 | .6 | .4 | .2 | .7 | .4 | | | | | | 26 | 26 | | |
| 74/ 73 | | | | | | .2 | .5 | .4 | .8 | .6 | .1 | | | | | | | 22 | 22 | | |
| 72/ 71 | | | .1 | .4 | .6 | .4 | .6 | .8 | 1.1 | .5 | .5 | | | | | | | 41 | 41 | | |
| 70/ 69 | | .1 | | .1 | .5 | .5 | .9 | .8 | .6 | 1.2 | .6 | | | | | | | 45 | 45 | | |
| 68/ 67 | | .1 | .2 | .5 | .7 | .8 | .5 | .5 | 1.1 | .9 | .2 | | | | | | | 47 | 47 | 5 | 1 |
| 66/ 65 | | .1 | .6 | .5 | .7 | .2 | .4 | .6 | 1.2 | .9 | .1 | | | | | | | 45 | 45 | 16 | 1 |
| 64/ 63 | | .1 | .5 | .4 | | .4 | .8 | .7 | 1.5 | .7 | | | | | | | | 43 | 43 | 15 | 3 |
| 62/ 61 | | .6 | .4 | .2 | | .4 | 1.2 | 1.4 | 1.8 | .1 | | | | | | | | 51 | 51 | 35 | 8 |
| 60/ 59 | | 1.1 | | .4 | .4 | .4 | .7 | 1.2 | .9 | | | | | | | | | 42 | 42 | 40 | 18 |
| 58/ 57 | .1 | .5 | .8 | .4 | .4 | .2 | .8 | .5 | .9 | .1 | | | | | | | | 40 | 40 | 70 | 26 |
| 56/ 55 | | .6 | .1 | .1 | .6 | .6 | 1.2 | 1.5 | .5 | | | | | | | | | 44 | 44 | 36 | 15 |
| 54/ 53 | | .6 | .1 | .2 | .7 | 1.2 | 1.2 | .7 | | | | | | | | | | 40 | 40 | 41 | 27 |
| 52/ 51 | | .2 | .5 | .2 | .8 | 1.3 | 2.0 | 1.4 | .2 | | | | | | | | | 57 | 57 | 52 | 29 |
| 50/ 49 | | .6 | 1.5 | .4 | 1.3 | 1.1 | 1.3 | .6 | | | | | | | | | | 57 | 57 | 51 | 24 |
| 48/ 47 | .2 | .6 | .9 | .4 | 1.1 | 1.2 | 1.5 | .5 | | | | | | | | | | 54 | 54 | 75 | 31 |
| 46/ 45 | .2 | .9 | .6 | .4 | .6 | 1.3 | .9 | | | | | | | | | | | 42 | 42 | 51 | 27 |
| 44/ 43 | .1 | 1.1 | 1.1 | .4 | .8 | .9 | .4 | | | | | | | | | | | 40 | 40 | 68 | 39 |
| 42/ 41 | .1 | .4 | .6 | .8 | .2 | .9 | | | | | | | | | | | | 26 | 26 | 76 | 38 |
| 40/ 39 | .1 | .2 | .4 | .4 | .7 | .9 | | | | | | | | | | | | 23 | 23 | 60 | 46 |
| 38/ 37 | | .1 | .6 | .2 | .5 | .7 | | | | | | | | | | | | 18 | 18 | 45 | 37 |
| 36/ 35 | | | | .2 | .6 | | | | | | | | | | | | | 7 | 7 | 49 | 33 |
| 34/ 33 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 26 | 27 |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 18 | 75 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 14 | 38 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 5 | 39 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 49 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 25 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 34 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 33 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 20 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-3 (LA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH
PAGE 2
1800-1700 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 26 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 21 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 22 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 8 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | .9 | 8.3 | 9.0 | 6.4 | 11.2 | 14.0 | 15.3 | 12.4 | 11.8 | 5.7 | 3.8 | .7 | .5 | | | | | | 847 | | 847 |
| | | | | | | | | | | | | | | | | | | 847 | | 847 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 2230130 | 39508 | 46.6 | 21.396 | 847 |
| Dry Bulb | 2904847 | 48689 | 57.5 | 11.194 | 847 |
| Wet Bulb | 1962422 | 40018 | 47.2 | 9.206 | 847 |
| Dew Point | 1179424 | 29506 | 34.8 | 13.384 | 847 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | .1 | 21.3 | 8.1 | .8 | | 84 |
| Wet Bulb | | 3.7 | .5 | | | | 84 |
| Dew Point | | 39.4 | .1 | | | | 84 |

USAFETAC FORM 0-26-5 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | | | | | .2 | | .1 | | | | | | | | | | 3 | 3 | | |
| 72/ 71 | | | | .4 | .1 | .4 | .1 | .4 | | | | | | | | | | 13 | 13 | | |
| 70/ 69 | | | | .4 | .2 | .5 | .4 | .2 | .6 | .2 | | | | | | | | 21 | 21 | | |
| 68/ 67 | | | | .5 | .5 | .4 | .8 | .6 | .4 | | | | | | | | | 26 | 26 | | |
| 66/ 65 | | .1 | .4 | .7 | .6 | .8 | 1.0 | .6 | .2 | | | | | | | | | 37 | 37 | 4 | |
| 64/ 63 | | .7 | .4 | .4 | 1.1 | .6 | 1.4 | .8 | | | | | | | | | | 45 | 45 | 9 | 4 |
| 62/ 61 | | .5 | .5 | .6 | .2 | .7 | .7 | .8 | .4 | .1 | | | | | | | | 38 | 38 | 23 | 2 |
| 60/ 59 | | .8 | 1.2 | .1 | .7 | .8 | 1.0 | .6 | .1 | | | | | | | | | 45 | 45 | 21 | 14 |
| 58/ 57 | .4 | 1.1 | 1.5 | .5 | 1.2 | 1.2 | .7 | .6 | | | | | | | | | | 60 | 60 | 40 | 20 |
| 56/ 55 | .2 | .5 | 1.0 | .4 | 1.1 | 2.1 | .8 | .2 | | | | | | | | | | 53 | 53 | 51 | 29 |
| 54/ 53 | .1 | .6 | .6 | .4 | .4 | 1.4 | 1.4 | .1 | | | | | | | | | | 42 | 42 | 47 | 20 |
| 52/ 51 | .2 | .5 | .7 | .7 | 1.1 | 1.0 | 1.2 | | | | | | | | | | | 45 | 45 | 45 | 38 |
| 50/ 49 | | .8 | 1.5 | 1.1 | 1.4 | 1.4 | 1.1 | | | | | | | | | | | 62 | 62 | 48 | 26 |
| 48/ 47 | | 1.2 | 1.4 | 1.4 | 1.4 | 1.1 | .2 | | | | | | | | | | | 57 | 57 | 55 | 29 |
| 46/ 45 | .2 | 1.2 | .8 | 2.1 | 1.8 | 1.8 | .2 | | | | | | | | | | | 69 | 69 | 66 | 33 |
| 44/ 43 | | 1.2 | .8 | 1.9 | 1.2 | .8 | .1 | | | | | | | | | | | 51 | 51 | 70 | 39 |
| 42/ 41 | | .5 | 1.4 | 1.0 | 2.4 | .7 | | | | | | | | | | | | 50 | 50 | 51 | 49 |
| 40/ 39 | | .2 | .8 | 2.0 | 1.9 | .6 | | | | | | | | | | | | 47 | 47 | 67 | 43 |
| 38/ 37 | | .8 | 1.1 | .8 | .5 | .1 | | | | | | | | | | | | 28 | 28 | 61 | 40 |
| 36/ 35 | | .2 | .8 | 1.0 | 1.0 | | | | | | | | | | | | | 25 | 25 | 54 | 42 |
| 34/ 33 | | | .4 | .2 | .8 | | | | | | | | | | | | | 12 | 12 | 54 | 48 |
| 32/ 31 | | .2 | | .7 | .2 | | | | | | | | | | | | | 10 | 10 | 29 | 61 |
| 30/ 29 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 18 | 40 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 16 | 30 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 10 | 53 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 22 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 33 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 35 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 20 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 13 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 15 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 9 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

USAFETAC FORM 0-26-3 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH
PAGE 2
1800-2000 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 87 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.2 | 11.3 | 15.4 | 17.1 | 19.8 | 16.7 | 11.3 | 5.2 | 1.7 | .4 | | | | | | | | | 840 | | 840 |
| | | | | | | | | | | | | | | | | | | 840 | | 840 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3025159 | 47935 | 57.1 | 18.583 | 840 | | | | | | | |
| Dry Bulb | 2320990 | 43360 | 51.6 | 9.934 | 840 | | 1.1 | 6.3 | .5 | | | 84 |
| Wet Bulb | 1739942 | 37450 | 44.6 | 9.153 | 840 | | 7.3 | | | | | 84 |
| Dew Point | 1198281 | 29971 | 35.7 | 12.396 | 840 | | 36.4 | | | | | 84 |

USAFETAC FORM 0-26-1 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 70/ 69 | | | .2 | .2 | | | | | | | | | | | | | | 4 | 4 | | |
| 68/ 67 | | | .2 | .6 | | | | | | | | | | | | | | 7 | 7 | | |
| 66/ 65 | | | .4 | .5 | .6 | .2 | .2 | | | | | | | | | | | 16 | 16 | 3 | |
| 64/ 63 | | .5 | .4 | .5 | 1.1 | .4 | | | | | | | | | | | | 23 | 23 | 5 | 2 |
| 62/ 61 | .1 | 1.0 | .5 | 1.4 | 1.0 | .5 | .1 | | | | | | | | | | | 38 | 38 | 17 | 7 |
| 60/ 59 | | .6 | .5 | .8 | .6 | 1.3 | .6 | .4 | | | | | | | | | | 40 | 40 | 15 | 12 |
| 58/ 57 | .1 | 1.9 | 1.7 | .7 | .6 | .7 | .4 | .1 | | | | | | | | | | 52 | 52 | 18 | 21 |
| 56/ 55 | .1 | 1.0 | 1.7 | .7 | .6 | .6 | .2 | | | | | | | | | | | 41 | 41 | 48 | 14 |
| 54/ 53 | | .8 | 1.4 | 1.1 | 1.4 | .8 | .1 | | | | | | | | | | | 48 | 48 | 41 | 19 |
| 52/ 51 | | 1.1 | 1.1 | 1.4 | .6 | 1.3 | .1 | | | | | | | | | | | 47 | 47 | 38 | 43 |
| 50/ 49 | .5 | 1.3 | 1.9 | .2 | .8 | .7 | | | | | | | | | | | | 46 | 46 | 47 | 36 |
| 48/ 47 | .1 | 1.7 | 1.8 | 1.8 | 1.2 | .2 | | | | | | | | | | | | 57 | 57 | 55 | 34 |
| 46/ 45 | | 1.9 | 2.0 | 2.0 | 1.0 | .8 | | | | | | | | | | | | 65 | 65 | 64 | 33 |
| 44/ 43 | .1 | 1.2 | 1.7 | 1.3 | 1.8 | .4 | | | | | | | | | | | | 54 | 54 | 53 | 44 |
| 42/ 41 | .1 | 1.3 | 2.3 | 1.4 | 2.0 | .2 | | | | | | | | | | | | 62 | 62 | 61 | 47 |
| 40/ 39 | | .4 | 4.9 | 1.5 | 1.2 | | | | | | | | | | | | | 67 | 67 | 51 | 42 |
| 38/ 37 | | 2.0 | 2.4 | 1.7 | 1.1 | .1 | | | | | | | | | | | | 61 | 61 | 51 | 33 |
| 36/ 35 | | .2 | 1.3 | 2.0 | .8 | | | | | | | | | | | | | 37 | 37 | 42 | 46 |
| 34/ 33 | | .5 | 1.5 | 1.2 | .8 | | | | | | | | | | | | | 34 | 34 | 46 | 46 |
| 32/ 31 | | .8 | .6 | 1.3 | .2 | | | | | | | | | | | | | 25 | 25 | 36 | 51 |
| 30/ 29 | | .4 | .4 | .6 | | | | | | | | | | | | | | 11 | 11 | 40 | 46 |
| 28/ 27 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | 27 | 43 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 13 | 34 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 10 | 28 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 23 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 35 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 20 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 17 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 12 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 8 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

USAFETAC FORM 0-26-3 (JUL 64 L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — YEARS
FEB — MONTH
PAGE 2
2100-2300 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.2 | 18.5 | 29.1 | 23.2 | 17.4 | 8.3 | 1.8 | .5 | | | | | | | | | | 839 | 839 | 839 | 839 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3861878 | 55224 | 65.8 | 16.457 | 839 | | | | | | | |
| Dry Bulb | 1961547 | 39759 | 47.4 | 9.612 | 839 | | 3.9 | 1.2 | | | | 84 |
| Wet Bulb | 1565783 | 35603 | 42.4 | 9.458 | 839 | | 13.4 | | | | | 84 |
| Dew Point | 1203193 | 30055 | 35.8 | 12.289 | 839 | | 36.0 | | | | | 84 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAR — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | .1 | .1 | | .1 | | | | | | | | | | | | 3 | 3 | | |
| 74/ 73 | | .1 | .3 | .3 | .1 | .1 | | | | | | | | | | | | 9 | 9 | | |
| 72/ 71 | | .1 | .8 | | .1 | | | | | | | | | | | | | 9 | 9 | 4 | |
| 70/ 69 | | .9 | .6 | .2 | | .1 | | | | | | | | | | | | 16 | 16 | 6 | 4 |
| 68/ 67 | | .7 | .2 | .6 | .3 | .2 | .2 | | | | | | | | | | | 20 | 20 | 19 | 14 |
| 66/ 65 | | 1.0 | .9 | .2 | .3 | | | | | | | | | | | | | 22 | 22 | 13 | 16 |
| 64/ 63 | .1 | .9 | 1.6 | 1.3 | .1 | .1 | | | | | | | | | | | | 36 | 36 | 20 | 12 |
| 62/ 61 | .5 | 2.3 | 2.0 | .7 | .3 | | | | | | | | | | | | | 50 | 50 | 26 | 15 |
| 60/ 59 | .2 | 2.4 | 2.4 | .8 | .2 | .2 | .1 | | | | | | | | | | | 56 | 56 | 45 | 29 |
| 58/ 57 | | 2.2 | 1.6 | .9 | 1.2 | .1 | | | | | | | | | | | | 52 | 52 | 50 | 38 |
| 56/ 55 | | 2.9 | 3.2 | 1.6 | .7 | .5 | .1 | | | | | | | | | | | 78 | 78 | 59 | 45 |
| 54/ 53 | .1 | 2.2 | 2.6 | 1.2 | .9 | | | | | | | | | | | | | 61 | 61 | 46 | 49 |
| 52/ 51 | | 1.2 | 2.0 | 1.3 | .3 | .2 | | | | | | | | | | | | 43 | 43 | 54 | 46 |
| 50/ 49 | | 1.8 | 2.5 | 1.5 | 1.0 | .3 | | | | | | | | | | | | 63 | 63 | 60 | 47 |
| 48/ 47 | | 2.8 | 1.6 | 1.0 | 1.2 | .5 | | | | | | | | | | | | 61 | 61 | 59 | 40 |
| 46/ 45 | | 2.0 | 2.6 | 2.3 | 1.4 | .1 | | | | | | | | | | | | 73 | 73 | 63 | 57 |
| 44/ 43 | | .9 | 1.6 | 2.1 | .6 | .1 | | | | | | | | | | | | 46 | 46 | 47 | 44 |
| 42/ 41 | | .7 | 2.2 | 1.7 | .1 | .2 | | | | | | | | | | | | 43 | 43 | 53 | 49 |
| 40/ 39 | | .8 | 2.0 | 1.2 | .2 | | | | | | | | | | | | | 36 | 36 | 54 | 35 |
| 38/ 37 | | 1.5 | 1.4 | 1.2 | | | | | | | | | | | | | | 35 | 35 | 66 | 51 |
| 36/ 35 | | 1.2 | 1.4 | .6 | | | | | | | | | | | | | | 27 | 27 | 45 | 32 |
| 34/ 33 | | 1.2 | .5 | .1 | | | | | | | | | | | | | | 15 | 15 | 50 | 45 |
| 32/ 31 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 21 | 47 |
| 30/ 29 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 12 | 39 |
| 28/ 27 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 2 | 34 |
| 26/ 25 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 2 | 17 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 4 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 5 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 5 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-3 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE 2

0600-0800 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 87 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .9 | 30.3 | 35.1 | 20.9 | 9.3 | 3.0 | .5 | | | | | | | | | | | 869 | 869 | 869 | 869 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4962561 | 64605 | 74.3 | 13.558 | 869 | | | | | | | |
| Dry Bulb | 2385064 | 44710 | 51.4 | 9.880 | 869 | | 1.5 | 6.2 | 1.4 | | | 93 |
| Wet Bulb | 2055235 | 41351 | 47.6 | 10.044 | 869 | | 4.7 | 3.1 | | | | 93 |
| Dew Point | 1750545 | 37560 | 43.2 | 12.102 | 869 | | 21.3 | 1.9 | | | | 93 |

USAFETAC FORM 0-26-5 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAR — MONTH
PAGE 1
0900-1100 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | .2 | .1 | .1 | | | | | | | | | | 4 | 4 | | |
| 80/ 79 | | | | | .9 | .1 | | .1 | | | .1 | | | | | | | 11 | 11 | | |
| 78/ 77 | | | | | .8 | .1 | .2 | .2 | .1 | .3 | | | | | | | | 16 | 16 | | |
| 76/ 75 | | | .2 | .5 | .5 | .2 | .3 | .2 | .1 | | | | | | | | | 20 | 20 | | |
| 74/ 73 | | | .3 | .6 | .9 | .2 | .5 | .4 | .3 | .1 | | | | | | | | 32 | 32 | 1 | |
| 72/ 71 | | .2 | 1.0 | .9 | 1.5 | 1.0 | .5 | .5 | .3 | .2 | | | | | | | | 55 | 55 | 17 | |
| 70/ 69 | | | .8 | .5 | 1.5 | 1.0 | .4 | .8 | .2 | .6 | | | | | | | | 56 | 54 | 20 | 8 |
| 68/ 67 | .1 | | 1.1 | 1.4 | 1.0 | .3 | 1.0 | .9 | .3 | | | | | | | | | 56 | 56 | 20 | 19 |
| 66/ 65 | .1 | | 1.5 | 1.9 | .8 | .9 | .6 | .5 | .3 | | | | | | | | | 62 | 62 | 28 | 21 |
| 64/ 63 | | .9 | 1.2 | 1.5 | .9 | 1.3 | 1.0 | 1.2 | .2 | | | | | | | | | 75 | 75 | 47 | 18 |
| 62/ 61 | | 1.0 | 2.0 | .9 | 1.4 | 1.0 | .6 | .8 | .1 | | | | | | | | | 72 | 72 | 67 | 27 |
| 60/ 59 | | .8 | .6 | 1.4 | 1.2 | .9 | 1.4 | 1.4 | | | | | | | | | | 71 | 71 | 78 | 45 |
| 58/ 57 | | 1.2 | 1.1 | .9 | 1.4 | .9 | 1.2 | .6 | .2 | | | | | | | | | 69 | 69 | 58 | 54 |
| 56/ 55 | | 1.2 | .8 | 1.0 | .4 | 1.1 | 1.8 | .1 | | | | | | | | | | 59 | 59 | 62 | 65 |
| 54/ 53 | | .4 | 1.0 | .5 | 1.1 | 1.3 | 1.0 | .2 | | | | | | | | | | 51 | 51 | 81 | 43 |
| 52/ 51 | | | 1.0 | .6 | 1.5 | 1.3 | .9 | | | | | | | | | | | 49 | 49 | 51 | 43 |
| 50/ 49 | | .6 | 1.0 | .6 | 1.8 | .8 | .3 | | | | | | | | | | | 48 | 48 | 62 | 37 |
| 48/ 47 | | .9 | .8 | 1.1 | 1.1 | 1.0 | .1 | | | | | | | | | | | 45 | 45 | 55 | 50 |
| 46/ 45 | | .3 | .3 | .8 | .5 | .4 | | | | | | | | | | | | 22 | 22 | 68 | 50 |
| 44/ 43 | | .1 | .2 | .4 | .6 | .5 | | | | | | | | | | | | 18 | 18 | 68 | 44 |
| 42/ 41 | | | .1 | .4 | .9 | .2 | | | | | | | | | | | | 15 | 15 | 58 | 48 |
| 40/ 39 | | .1 | .3 | .8 | .3 | | | | | | | | | | | | | 14 | 14 | 32 | 38 |
| 38/ 37 | | .1 | | .2 | .1 | .1 | | | | | | | | | | | | 5 | 5 | 22 | 27 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 18 | 53 |
| 34/ 33 | | | | .2 | .1 | | | | | | | | | | | | | 3 | 3 | 17 | 43 |
| 32/ 31 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 5 | 70 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 29 |
| 28/ 27 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 2 | 20 |
| 26/ 25 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 26 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 4 | 12 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 17 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 13 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 7 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-5 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAR — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | 7.7 | 15.5 | 17.2 | 21.5 | 14.6 | 12.0 | 8.1 | 2.3 | 1.3 | .1 | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3531600 | 54954 | 59.1 | 17.459 | 930 |
| Dry Bulb | 3416932 | 55636 | 59.8 | 9.765 | 930 |
| Wet Bulb | 2620047 | 48557 | 52.2 | 9.554 | 930 |
| Dew Point | 1991981 | 41349 | 44.5 | 12.856 | 930 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | .4 | 24.8 | 8.3 | .7 | | 93 |
| Wet Bulb | | 1.3 | 5.8 | .1 | | | 93 |
| Dew Point | | 20.1 | 2.7 | | | | 93 |

USAFETAC FORM 0-26-3 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAR — MONTH
PAGE 1
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | .1 | .4 | | .2 | | .1 | | | | | 8 | 8 | | |
| 84/ 83 | | | | | | | .6 | .8 | .2 | .4 | | .3 | | | | | | 22 | 22 | | |
| 82/ 81 | | | | | .3 | .9 | .4 | .4 | .1 | .3 | .2 | .3 | .2 | | | | | 30 | 30 | | |
| 80/ 79 | | | | | .8 | 1.0 | .2 | .6 | .5 | .8 | .3 | .1 | .1 | | | | | 41 | 41 | | |
| 78/ 77 | | | | .1 | .4 | .3 | .6 | .5 | 1.5 | 1.0 | .5 | .4 | .1 | | | | | 52 | 52 | | |
| 76/ 75 | | | | .2 | .4 | .5 | 1.1 | 1.7 | 1.1 | .4 | .6 | | | | | | | 57 | 57 | | |
| 74/ 73 | | | .1 | .2 | .4 | 1.2 | 1.4 | .8 | .9 | 1.2 | .6 | .1 | | | | | | 64 | 64 | 7 | |
| 72/ 71 | | | .1 | .4 | 1.1 | .8 | .3 | .9 | .9 | 1.1 | .5 | | | | | | | 56 | 56 | 24 | |
| 70/ 69 | | | .2 | .8 | .6 | 1.0 | .9 | 1.3 | 1.3 | 1.0 | .6 | | | | | | | 71 | 71 | 32 | 9 |
| 68/ 67 | | | .6 | .6 | .5 | 1.2 | .9 | 1.0 | 1.1 | 1.0 | .1 | | | | | | | 65 | 65 | 17 | 12 |
| 66/ 65 | | .1 | 1.0 | .2 | .2 | .8 | .5 | .9 | 1.4 | .8 | .1 | | | | | | | 55 | 55 | 37 | 20 |
| 64/ 63 | | .5 | .3 | .3 | .6 | .9 | .5 | 1.8 | 1.6 | .3 | | | | | | | | 65 | 65 | 65 | 26 |
| 62/ 61 | | .6 | 1.9 | .8 | .3 | .8 | .8 | 1.8 | 1.5 | | | | | | | | | 79 | 79 | 87 | 20 |
| 60/ 59 | | .5 | 1.0 | .3 | .3 | .4 | .5 | 1.5 | .8 | | | | | | | | | 50 | 50 | 68 | 46 |
| 58/ 57 | | .4 | .2 | .4 | .2 | .3 | 1.1 | 1.4 | .2 | | | | | | | | | 40 | 40 | 85 | 50 |
| 56/ 55 | | .1 | 1.0 | | .5 | .8 | 1.3 | 1.0 | | | | | | | | | | 43 | 43 | 69 | 45 |
| 54/ 53 | | | .8 | .5 | .3 | .1 | 1.0 | .6 | | | | | | | | | | 31 | 31 | 55 | 55 |
| 52/ 51 | | | .4 | .5 | .4 | .4 | .3 | .1 | | | | | | | | | | 21 | 21 | 62 | 36 |
| 50/ 49 | | .2 | 1.6 | .1 | .2 | .2 | 1.2 | .1 | | | | | | | | | | 34 | 34 | 63 | 36 |
| 48/ 47 | | .1 | .5 | .2 | .4 | .2 | .2 | | | | | | | | | | | 16 | 16 | 79 | 61 |
| 46/ 45 | | .1 | .2 | .2 | .1 | .4 | .2 | | | | | | | | | | | 12 | 12 | 67 | 53 |
| 44/ 43 | | .1 | .2 | .2 | .2 | .4 | | | | | | | | | | | | 11 | 11 | 33 | 38 |
| 42/ 41 | | | | .3 | | | | | | | | | | | | | | 3 | 3 | 31 | 43 |
| 40/ 39 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 16 | 40 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 12 | 41 |
| 36/ 35 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 14 | 40 |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 4 | 43 |
| 32/ 31 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | 42 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 24 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 40 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 11 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 18 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 14 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-5 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAR — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 9 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | | 2.9 | 10.2 | 6.8 | 8.8 | 12.5 | 14.1 | 17.3 | 13.4 | 8.2 | 4.0 | 1.3 | .5 | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≤67 F | ≤73 F | ≤80 F | ≤93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2448273 | 44475 | 47.8 | 18.599 | 930 | | | | | | | |
| Dry Bulb | 4135866 | 61306 | 65.9 | 10.088 | 930 | | .1 | 46.6 | 27.4 | 8.2 | | 93 |
| Wet Bulb | 2849502 | 50814 | 54.6 | 8.870 | 930 | | .7 | 8.0 | .7 | | | 93 |
| Dew Point | 1937432 | 40716 | 43.8 | 12.911 | 930 | | 21.6 | 2.1 | | | | 93 |

USAFETAC FORM JUL 64 0-26-3 (LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAR — MONTH
PAGE 1
1500-1700 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88/ 87 | | | | | | | | | | | .2 | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | .1 | .3 | .9 | .3 | .6 | .4 | .3 | .1 | | | | | 29 | 29 | | |
| 82/ 81 | | | | | | .9 | .9 | .6 | .3 | .3 | .2 | .3 | .3 | | | | | 36 | 36 | | |
| 80/ 79 | | | | .2 | .3 | .5 | .5 | .3 | .5 | 1.2 | 1.1 | .3 | .1 | | | | | 48 | 48 | | |
| 78/ 77 | | | | | .1 | .2 | 1.0 | .9 | 1.6 | 1.4 | .4 | .8 | | | | | | 59 | 59 | | |
| 76/ 75 | | | .1 | .2 | .9 | .1 | 1.1 | 1.1 | 1.3 | 1.4 | .5 | | | | | | | 62 | 62 | | |
| 74/ 73 | | | .2 | .2 | .8 | 1.1 | .9 | .8 | 1.5 | 1.4 | .9 | .2 | | | | | | 73 | 73 | 5 | |
| 72/ 71 | | .1 | | | 1.1 | .1 | .2 | .9 | 1.1 | .8 | 1.6 | .1 | | | | | | 55 | 55 | 15 | |
| 70/ 69 | | .1 | | .6 | .3 | .3 | .9 | 1.0 | .9 | 1.6 | 1.0 | | | | | | | 62 | 62 | 30 | 8 |
| 68/ 67 | | | 1.1 | | .3 | .9 | 1.1 | .2 | 1.4 | 1.3 | .1 | .1 | | | | | | 60 | 60 | 34 | 10 |
| 66/ 65 | | .2 | 1.1 | .8 | .1 | .6 | .3 | .3 | 2.3 | 1.3 | .1 | | | | | | | 66 | 66 | 31 | 12 |
| 64/ 63 | | .8 | 1.3 | .5 | .3 | .6 | .4 | 1.3 | 2.2 | .5 | .1 | | | | | | | 75 | 75 | 59 | 31 |
| 62/ 61 | | .5 | 1.3 | .2 | .2 | .9 | .4 | 1.2 | 2.0 | .3 | | | | | | | | 66 | 66 | 77 | 37 |
| 60/ 59 | | .2 | 1.5 | .2 | .4 | .1 | .8 | 1.1 | .4 | | | | | | | | | 48 | 48 | 76 | 41 |
| 58/ 57 | | .2 | .5 | .1 | .4 | .2 | 1.2 | .9 | .1 | | | | | | | | | 34 | 34 | 98 | 38 |
| 56/ 55 | | .4 | .5 | .3 | .6 | .2 | .4 | 1.4 | .4 | | | | | | | | | 41 | 41 | 88 | 41 |
| 54/ 53 | | .3 | .4 | .2 | .4 | .3 | .5 | .5 | | | | | | | | | | 26 | 26 | 81 | 37 |
| 52/ 51 | | .2 | 1.0 | .2 | .5 | .2 | 1.1 | .2 | | | | | | | | | | 32 | 32 | 74 | 42 |
| 50/ 49 | | .3 | .3 | .4 | .2 | .1 | .3 | .4 | | | | | | | | | | 20 | 20 | 78 | 50 |
| 48/ 47 | | | .3 | .3 | .8 | | .1 | | | | | | | | | | | 14 | 14 | 72 | 49 |
| 46/ 45 | | | .2 | | .3 | .4 | | | | | | | | | | | | 9 | 9 | 56 | 62 |
| 44/ 43 | | .3 | .1 | | | .1 | | | | | | | | | | | | 5 | 5 | 31 | 48 |
| 42/ 41 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 36 | 29 |
| 40/ 39 | | | .2 | .2 | | | | | | | | | | | | | | 4 | 4 | 16 | 39 |
| 38/ 37 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 12 | 37 |
| 36/ 35 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | 10 | 42 |
| 34/ 33 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 1 | 44 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 58 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 29 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 37 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 20 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 20 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAR — MONTH
PAGE 2
1800-1700 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 12 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 9 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 4.0 | 10.4 | 4.8 | 8.5 | 8.1 | 12.4 | 13.9 | 16.3 | 12.2 | 6.7 | 2.2 | .6 | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2346381 | 42881 | 46.1 | 19.933 | 930 | | | | | | | |
| Dry Bulb | 4240649 | 62105 | 66.8 | 10.022 | 930 | | | 48.7 | 31.0 | 9.4 | | 93 |
| Wet Bulb | 2862422 | 50964 | 54.8 | 8.628 | 930 | | .3 | 8.7 | .5 | | | 93 |
| Dew Point | 1894620 | 40174 | 43.2 | 13.090 | 930 | | 23.6 | 1.8 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | MAR |

PAGE 1 — HOURS (L. S. T.) 1800-2000

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | .3 | .1 | .2 | .1 | | .1 | .1 | | | | | | | 9 | 9 | | |
| 78/ 77 | | | | .2 | .4 | .8 | .5 | .1 | | .1 | .1 | | | | | | | 21 | 21 | | |
| 76/ 75 | | | .1 | .5 | .5 | .8 | .7 | .5 | .4 | .5 | .1 | | | | | | | 37 | 37 | | |
| 74/ 73 | | | | .9 | .7 | .7 | .2 | 1.1 | .3 | | .3 | | | | | | | 38 | 38 | 1 | |
| 72/ 71 | | .1 | | .5 | .8 | .8 | 1.2 | .7 | .9 | .3 | | | | | | | | 48 | 48 | 6 | |
| 70/ 69 | | .1 | .5 | .3 | 1.5 | 1.0 | 1.7 | .7 | .7 | .2 | | | | | | | | 62 | 62 | 16 | 3 |
| 68/ 67 | .1 | .3 | 1.3 | .8 | .7 | .8 | 1.3 | 1.0 | .4 | .3 | | | | | | | | 64 | 64 | 26 | 13 |
| 66/ 65 | .1 | .2 | 1.1 | 1.1 | .5 | 1.3 | 1.0 | .8 | 1.1 | .1 | | | | | | | | 67 | 67 | 32 | 10 |
| 64/ 63 | | 1.1 | 1.4 | .4 | .8 | .8 | 1.2 | 1.6 | .2 | | | | | | | | | 66 | 66 | 40 | 28 |
| 62/ 61 | .1 | 1.2 | .3 | 1.1 | 1.1 | 1.3 | 1.2 | 1.5 | .4 | | | | | | | | | 76 | 76 | 59 | 31 |
| 60/ 59 | | .7 | 1.3 | 1.4 | .8 | .8 | 1.8 | .8 | .1 | | | | | | | | | 70 | 70 | 77 | 40 |
| 58/ 57 | | .5 | 1.4 | 1.1 | 1.7 | 1.1 | 1.0 | .8 | .1 | | | | | | | | | 71 | 71 | 63 | 53 |
| 56/ 55 | | .6 | 1.2 | 1.4 | .9 | 1.3 | 2.0 | .4 | .3 | | | | | | | | | 73 | 73 | 69 | 36 |
| 54/ 53 | | .7 | .7 | .2 | .9 | 1.3 | 1.3 | .3 | | | | | | | | | | 49 | 49 | 78 | 31 |
| 52/ 51 | | .2 | 1.1 | .3 | 1.2 | 1.5 | .7 | | | | | | | | | | | 46 | 46 | 70 | 39 |
| 50/ 49 | | .5 | .7 | .3 | .8 | 1.2 | .5 | | | | | | | | | | | 37 | 37 | 86 | 57 |
| 48/ 47 | | | .8 | 1.1 | 1.3 | .2 | .1 | | | | | | | | | | | 32 | 32 | 80 | 67 |
| 46/ 45 | | | .1 | .9 | .7 | .4 | .2 | | | | | | | | | | | 21 | 21 | 49 | 49 |
| 44/ 43 | | | .3 | .7 | .4 | .2 | | | | | | | | | | | | 15 | 15 | 58 | 47 |
| 42/ 41 | | .2 | .1 | .1 | .1 | .1 | | | | | | | | | | | | 6 | 6 | 52 | 64 |
| 40/ 39 | | .1 | .4 | .2 | | | | | | | | | | | | | | 7 | 7 | 36 | 28 |
| 38/ 37 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | 19 | 44 |
| 36/ 35 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 16 | 59 |
| 34/ 33 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 6 | 43 |
| 32/ 31 | | | | .2 | .1 | | | | | | | | | | | | | 3 | 3 | 3 | 64 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 30 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 33 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 3 | 22 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 12 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 9 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 4 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 9 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

USAFETAC FORM 0-26-5 (L-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | MAR |

PAGE 2

HOURS (L. S. T.): 1800-2000

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 6.4 | 13.1 | 13.8 | 16.3 | 15.9 | 16.8 | 10.3 | 5.0 | 1.5 | .7 | | | | | | | 923 | 923 | 923 | 923 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3178522 | 51540 | 55.8 | 18.055 | 923 |
| Dry Bulb | 3509683 | 56277 | 61.0 | 9.220 | 923 |
| Wet Bulb | 2609970 | 48408 | 52.4 | 8.784 | 923 |
| Dew Point | 1911193 | 40453 | 43.8 | 12.244 | 923 |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | .3 | 28.1 | 10.6 | .1 | | 93 |
| Wet Bulb | | .8 | 4.9 | .1 | | | 93 |
| Dew Point | | 19.5 | 1.6 | | | | 93 |

USAFETAC FORM 0-26-5 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAR — MONTH
PAGE 1
2100-2300 — HOURS (L.S.T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | .1 | .7 | | | | | | | .2 | | | | | | | 8 | 8 | | |
| 74/ 73 | | | .1 | .8 | .2 | .1 | | | | | | | | | | | | 11 | 11 | | |
| 72/ 71 | | | 1.0 | .8 | .9 | .1 | | .2 | | .1 | | | | | | | | 28 | 28 | 4 | |
| 70/ 69 | | .3 | .9 | .6 | .2 | .2 | 1.0 | .1 | .1 | | | | | | | | | 33 | 33 | 8 | 2 |
| 68/ 67 | .2 | .5 | 2.1 | .9 | .6 | 1.0 | .2 | .2 | .1 | | | | | | | | | 51 | 51 | 21 | 16 |
| 66/ 65 | .1 | .5 | 1.2 | 1.4 | 1.7 | .6 | .1 | .5 | | | | | | | | | | 52 | 52 | 36 | 13 |
| 64/ 63 | | 1.0 | 2.3 | .7 | .9 | 1.3 | .3 | | .1 | | | | | | | | | 58 | 58 | 25 | 26 |
| 62/ 61 | | 1.5 | 1.0 | 1.5 | 1.3 | .9 | .2 | .3 | | | | | | | | | | 59 | 59 | 35 | 26 |
| 60/ 59 | | 1.2 | .8 | 2.2 | 1.2 | .9 | .9 | .2 | | | | | | | | | | 64 | 64 | 57 | 38 |
| 58/ 57 | | .3 | 1.4 | 2.8 | 1.0 | 1.6 | .5 | | | | | | | | | | | 66 | 66 | 58 | 43 |
| 56/ 55 | | 1.6 | 2.3 | 2.3 | 1.5 | .7 | .2 | | | | | | | | | | | 75 | 75 | 45 | 20 |
| 54/ 53 | | .7 | 1.5 | 1.5 | 1.2 | .6 | .3 | | | | | | | | | | | 50 | 50 | 63 | 39 |
| 52/ 51 | | 1.2 | 2.1 | 1.9 | 2.0 | 1.8 | .3 | | | | | | | | | | | 76 | 76 | 80 | 40 |
| 50/ 49 | .1 | .2 | 1.9 | 1.9 | 1.7 | .9 | .3 | | | | | | | | | | | 61 | 61 | 76 | 64 |
| 48/ 47 | | .3 | .9 | 1.9 | 1.6 | .2 | .2 | | | | | | | | | | | 45 | 45 | 63 | 64 |
| 46/ 45 | | .2 | 1.0 | 1.5 | 1.3 | .1 | | | | | | | | | | | | 36 | 36 | 50 | 62 |
| 44/ 43 | | | .6 | 2.8 | .5 | .2 | | | | | | | | | | | | 35 | 35 | 51 | 42 |
| 42/ 41 | | .1 | 1.0 | .6 | .3 | | | | | | | | | | | | | 18 | 18 | 56 | 36 |
| 40/ 39 | | .5 | .9 | .5 | .3 | | | | | | | | | | | | | 19 | 19 | 42 | 53 |
| 38/ 37 | | .1 | .6 | .1 | .1 | | | | | | | | | | | | | 8 | 8 | 49 | 43 |
| 36/ 35 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 17 | 40 |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 12 | 31 |
| 32/ 31 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 4 | 54 |
| 30/ 29 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 2 | 25 |
| 28/ 27 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 3 | 31 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 8 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 10 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 5 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .5 | 10.3 | 24.4 | 28.0 | 18.7 | 11.0 | 4.9 | 1.6 | .3 | .1 | .1 | | | | | | | 863 | 863 | | 863 |
| | | | | | | | | | | | | | | | | | | 863 | | 863 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3933753 | 56741 | 65.7 | 15.350 | 863 |
| Dry Bulb | 2814756 | 48660 | 56.4 | 9.080 | 863 |
| Wet Bulb | 2276857 | 43615 | 50.5 | 9.178 | 863 |
| Dew Point | 1825078 | 38356 | 44.4 | 11.816 | 863 |

| Mean No. of Hours with Temperature | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | .8 | 14.1 | 2.0 | | | 93 |
| Wet Bulb | | 1.4 | 3.6 | | | | 93 |
| Dew Point | | 17.8 | 1.9 | | | | 93 |

USAFETAC FORM 0-26-3 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
APR — MONTH
PAGE 1
0600-0800 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | .1 | .6 | | | | | | | | | | | | | | 6 | 6 | | |
| 74/ 73 | | | .4 | .5 | .4 | .1 | .1 | | | | | | | | | | | 12 | 12 | | |
| 72/ 71 | | .7 | .9 | .7 | .4 | .1 | .1 | | | | | | | | | | | 25 | 25 | 4 | 2 |
| 70/ 69 | | .2 | 2.2 | .5 | 1.2 | .7 | .1 | | | | | | | | | | | 42 | 42 | 13 | 4 |
| 68/ 67 | | 1.1 | 2.6 | 1.4 | 1.3 | .4 | | | | | | | | | | | | 57 | 57 | 20 | 15 |
| 66/ 65 | | 3.2 | 1.6 | 2.1 | 1.3 | .1 | .5 | | | | | | | | | | | 75 | 75 | 43 | 27 |
| 64/ 63 | .1 | 2.3 | 2.7 | 2.5 | 1.6 | .7 | .4 | | | | | | | | | | | 88 | 88 | 57 | 35 |
| 62/ 61 | .1 | 2.6 | 2.6 | 1.2 | 1.9 | .5 | .2 | | | | | | | | | | | 77 | 77 | 71 | 42 |
| 60/ 59 | .1 | 2.6 | 3.4 | 2.1 | 2.0 | .9 | .4 | | | | | | | | | | | 98 | 98 | 77 | 52 |
| 58/ 57 | | 2.0 | 3.2 | 2.7 | 1.4 | .4 | | | | | | | | | | | | 82 | 82 | 80 | 72 |
| 56/ 55 | | 1.3 | 1.5 | 2.7 | 1.6 | .4 | .2 | | | | | | | | | | | 66 | 66 | 75 | 62 |
| 54/ 53 | | 1.1 | 2.7 | 1.5 | .9 | .1 | | | | | | | | | | | | 54 | 54 | 78 | 68 |
| 52/ 51 | | .9 | 2.6 | 2.1 | .7 | .5 | .1 | | | | | | | | | | | 59 | 59 | 77 | 67 |
| 50/ 49 | | .8 | 1.2 | 1.1 | .9 | .4 | | | | | | | | | | | | 37 | 37 | 63 | 54 |
| 48/ 47 | | 1.9 | .7 | .9 | .8 | .1 | | | | | | | | | | | | 38 | 38 | 61 | 56 |
| 46/ 45 | | .5 | .8 | .4 | .2 | | | | | | | | | | | | | 16 | 16 | 56 | 70 |
| 44/ 43 | | .6 | .4 | .4 | .1 | | | | | | | | | | | | | 12 | 12 | 28 | 50 |
| 42/ 41 | | | .1 | .6 | | | | | | | | | | | | | | 6 | 6 | 27 | 65 |
| 40/ 39 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 12 | 38 |
| 38/ 37 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 9 | 23 |
| 36/ 35 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | 23 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 17 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 6 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 12 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | .4 | 21.7 | 29.9 | 23.9 | 16.9 | 5.3 | 2.1 | | | | | | | | | | | | 854 | | 854 |
| | | | | | | | | | | | | | | | | | | 854 | | 854 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4714250 | 62428 | 73.1 | 13.293 | 854 | | | | | | | |
| Dry Bulb | 3043991 | 50503 | 59.3 | 7.308 | 854 | | | 15.1 | 2.0 | | | 90 |
| Wet Bulb | 2588231 | 46569 | 54.5 | 7.564 | 854 | | .1 | 3.9 | | | | 90 |
| Dew Point | 2236684 | 42950 | 50.3 | 9.477 | 854 | | 4.3 | 2.2 | | | | 91 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
APR — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | | | | | .1 | | | .6 | | | | | | | 6 | 6 | | |
| 84/ 83 | | | | | | .1 | .4 | .1 | .1 | .4 | .3 | | | | | | | 14 | 14 | | |
| 82/ 81 | | | | | .1 | .2 | .7 | .1 | .7 | .6 | .2 | | | | | | | 22 | 22 | | |
| 80/ 79 | | | | .1 | .3 | 1.2 | .7 | .9 | 1.0 | .6 | .4 | | | | | | | 47 | 47 | | |
| 78/ 77 | | | .1 | .6 | .9 | 1.2 | .9 | 1.1 | .9 | .6 | | | | | | | | 56 | 56 | | |
| 76/ 75 | | | .3 | .9 | 1.4 | 1.7 | 1.9 | .9 | .9 | .4 | .1 | | | | | | | 77 | 77 | | |
| 74/ 73 | | | .3 | 1.8 | 1.4 | 1.4 | 1.6 | .9 | .3 | .6 | | | | | | | | 75 | 75 | 7 | |
| 72/ 71 | | .3 | .8 | 1.1 | 1.0 | 1.4 | 1.0 | .9 | 1.2 | .9 | | | | | | | | 78 | 78 | 24 | 2 |
| 70/ 69 | | .1 | 1.8 | 1.1 | 1.4 | 1.2 | 1.0 | 1.7 | .7 | .4 | | | | | | | | 85 | 85 | 44 | 18 |
| 68/ 67 | | .7 | 1.2 | 1.7 | 1.1 | 1.0 | 1.7 | 1.8 | .9 | | | | | | | | | 90 | 90 | 63 | 14 |
| 66/ 65 | | .6 | 1.0 | 1.6 | 1.1 | 1.4 | 2.0 | 1.0 | .6 | | | | | | | | | 83 | 83 | 86 | 41 |
| 64/ 63 | .1 | .9 | .6 | 1.2 | 1.0 | 1.6 | 1.3 | 1.1 | .7 | | | | | | | | | 76 | 76 | 96 | 59 |
| 62/ 61 | | 1.2 | .4 | .9 | .9 | 1.2 | .6 | .9 | .2 | | | | | | | | | 57 | 57 | 101 | 63 |
| 60/ 59 | | .3 | .4 | .3 | .6 | .9 | .9 | .7 | | | | | | | | | | 37 | 37 | 76 | 49 |
| 58/ 57 | | .1 | .6 | .3 | .8 | 1.1 | .9 | .4 | | | | | | | | | | 38 | 38 | 71 | 69 |
| 56/ 55 | | .2 | .7 | .1 | .9 | .3 | .6 | .1 | | | | | | | | | | 26 | 26 | 73 | 63 |
| 54/ 53 | | .2 | .6 | .1 | .3 | .2 | .2 | | | | | | | | | | | 15 | 15 | 78 | 74 |
| 52/ 51 | | .1 | .1 | | .1 | .2 | .1 | | | | | | | | | | | 6 | 6 | 54 | 48 |
| 50/ 49 | | | | | .2 | .3 | | | | | | | | | | | | 5 | 5 | 49 | 51 |
| 48/ 47 | | | | | .2 | .1 | | | | | | | | | | | | 3 | 3 | 38 | 44 |
| 46/ 45 | | | | | .3 | | | | | | | | | | | | | 3 | 3 | 11 | 45 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 12 | 50 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 9 | 48 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 5 | 38 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 | 37 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 23 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 15 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 10 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 16 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 17 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 4.8 | 8.9 | 11.8 | 14.2 | 16.9 | 16.4 | 12.7 | 8.1 | 4.4 | 1.7 | | | | | | | 899 | 899 | | 899 |
| | | | | | | | | | | | | | | | | | | 899 | | 899 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3047620 | 50090 | 55.7 | 16.908 | 899 |
| Dry Bulb | 4281694 | 61660 | 68.6 | 7.653 | 899 |
| Wet Bulb | 3166440 | 52972 | 58.9 | 7.247 | 899 |
| Dew Point | 2439091 | 45867 | 51.0 | 10.497 | 899 |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 55.1 | 29.7 | 7.2 | | 90 |
| Wet Bulb | | | 13.8 | .7 | | | 90 |
| Dew Point | | 4.8 | 3.4 | | | | 90 |

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
APR — MONTH
PAGE 1
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | .1 | | | .3 | .2 | | | | | 6 | 6 | | |
| 88/ 87 | | | | | | | | | .3 | | .7 | .7 | .1 | .3 | | | | 19 | 19 | | |
| 86/ 85 | | | | | | | | 1.6 | .8 | .2 | 1.3 | 1.1 | .3 | | | | | 48 | 48 | | |
| 84/ 83 | | | | | | .2 | .3 | 1.2 | 1.7 | .9 | 1.4 | 1.0 | .1 | | | | | 62 | 62 | | |
| 82/ 81 | | | | | .3 | .3 | 1.2 | 2.3 | 1.6 | 1.7 | 2.4 | .8 | .1 | .1 | | | | 98 | 98 | | |
| 80/ 79 | | | | .2 | .1 | .9 | 1.7 | 1.0 | .8 | 1.8 | 1.6 | .1 | | | | | | 73 | 73 | | |
| 78/ 77 | | | | .4 | .7 | 1.0 | 1.0 | .8 | .7 | 1.4 | 1.3 | .8 | | | | | | 73 | 73 | | |
| 76/ 75 | | | .2 | .6 | .7 | 1.0 | 1.1 | .8 | 1.0 | 1.3 | 1.8 | .1 | | | | | | 77 | 77 | | |
| 74/ 73 | | | .3 | .6 | .4 | .8 | .8 | .6 | .8 | 1.4 | 1.7 | .1 | | | | | | 67 | 67 | 11 | |
| 72/ 71 | | | .4 | 1.0 | .3 | .6 | .6 | .4 | 1.6 | 1.8 | .4 | | | | | | | 64 | 64 | 38 | 2 |
| 70/ 69 | | .3 | 1.1 | 1.4 | .9 | .9 | 1.3 | 1.3 | 1.3 | 1.7 | .2 | | | | | | | 95 | 95 | 71 | 11 |
| 68/ 67 | | .1 | .6 | .4 | .7 | .4 | .4 | 1.1 | 1.8 | .9 | | | | | | | | 58 | 58 | 80 | 13 |
| 66/ 65 | | .4 | .4 | .9 | .1 | .3 | 1.0 | .6 | 1.3 | | | | | | | | | 46 | 46 | 94 | 39 |
| 64/ 63 | | .3 | .3 | .3 | .6 | .3 | .6 | .7 | .4 | .3 | | | | | | | | 35 | 35 | 97 | 54 |
| 62/ 61 | | .6 | .2 | .7 | .3 | .4 | .4 | .6 | .3 | | | | | | | | | 32 | 32 | 99 | 75 |
| 60/ 59 | | .3 | .2 | .2 | | .2 | .3 | .3 | .1 | | | | | | | | | 16 | 16 | 88 | 47 |
| 58/ 57 | | .3 | .3 | .1 | | .4 | .1 | .1 | | | | | | | | | | 13 | 13 | 73 | 45 |
| 56/ 55 | | .7 | .2 | | | .1 | .3 | .1 | | | | | | | | | | 13 | 13 | 90 | 69 |
| 54/ 53 | | | | | | .4 | .1 | | | | | | | | | | | 5 | 5 | 67 | 52 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 47 | 49 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 35 | 54 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 12 | 52 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 8 | 51 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 9 | 48 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 40 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 38 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 39 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 47 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 24 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 25 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 8 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 8 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
APR — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 3.1 | 4.4 | 6.9 | 5.1 | 8.4 | 11.3 | 13.4 | 14.6 | 13.4 | 12.9 | 5.0 | .9 | .4 | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2168256 | 41124 | 45.7 | 17.935 | 900 | | | | | | | |
| Dry Bulb | 4993931 | 66663 | 74.1 | 7.907 | 900 | | | 74.0 | 52.3 | 27.6 | | 90 |
| Wet Bulb | 3353995 | 54611 | 60.7 | 6.692 | 900 | | | 20.0 | 1.1 | | | 90 |
| Dew Point | 2355997 | 45029 | 50.0 | 10.709 | 900 | | 5.1 | 2.6 | | | | 90 |

USAFETAC FORM 0-26 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | APR |

PAGE 1 — 1500-1700 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 93/ 89 | | | | | | | | | | .1 | | | .3 | .2 | | | | 6 | 6 | | |
| 88/ 87 | | | | | | | | .1 | .7 | .1 | .7 | .4 | .7 | .4 | | | | 28 | 28 | | |
| 86/ 85 | | | | | | | | .7 | .6 | .3 | 1.8 | 1.7 | .3 | | | | | 48 | 48 | | |
| 84/ 83 | | | | | | .3 | .3 | 1.1 | 2.6 | 1.3 | 1.3 | 1.7 | .1 | | | | | 79 | 79 | | |
| 82/ 81 | | | | | | .6 | 1.6 | 1.7 | 1.8 | 1.7 | 2.2 | 1.0 | .2 | .2 | | | | 98 | 98 | | |
| 80/ 79 | | | | .1 | .3 | .7 | 1.3 | .6 | 1.2 | .8 | 1.9 | .4 | .2 | | | | | 68 | 68 | | |
| 78/ 77 | | | | | .2 | 1.6 | .7 | 1.2 | .7 | 1.1 | 1.7 | 1.0 | | | | | | 73 | 73 | | |
| 76/ 75 | | | .1 | .4 | .2 | 1.2 | 1.7 | .9 | 1.1 | 1.4 | 1.7 | .1 | | | | | | 80 | 80 | | |
| 74/ 73 | | | | .3 | .8 | 1.3 | .6 | 1.3 | .9 | 1.4 | 1.7 | .2 | | | | | | 81 | 81 | 10 | |
| 72/ 71 | | .1 | .8 | 1.0 | .9 | .6 | .4 | .8 | .9 | 1.6 | .8 | | | | | | | 70 | 70 | 27 | 1 |
| 70/ 69 | | | 1.1 | .6 | .4 | | 1.2 | 1.3 | 1.4 | 1.3 | 1.1 | | | | | | | 77 | 77 | 62 | 8 |
| 68/ 67 | | .4 | 1.0 | | .7 | .2 | .4 | .7 | 1.4 | 1.1 | | | | | | | | 54 | 54 | 88 | 8 |
| 66/ 65 | | .6 | .1 | .4 | .6 | .1 | .8 | .6 | .4 | .6 | | | | | | | | 37 | 37 | 102 | 40 |
| 64/ 63 | | .1 | .4 | 1.0 | | .7 | .6 | .3 | .4 | | | | | | | | | 32 | 32 | 117 | 60 |
| 62/ 61 | | .4 | .5 | .6 | .2 | .7 | .3 | .3 | .7 | | | | | | | | | 34 | 34 | 77 | 61 |
| 60/ 59 | | .2 | .3 | .2 | .1 | | .2 | .2 | .2 | | | | | | | | | 14 | 14 | 34 | 44 |
| 58/ 57 | | .4 | .1 | | | | .1 | .2 | | | | | | | | | | 8 | 8 | 98 | 49 |
| 56/ 55 | | .4 | .1 | | .1 | .2 | .3 | | | | | | | | | | | 11 | 11 | 63 | 60 |
| 54/ 53 | | | | | | .1 | .1 | | | | | | | | | | | 2 | 2 | 70 | 64 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 53 | 46 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 19 | 56 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 15 | 53 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 9 | 57 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 6 | 46 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 45 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 34 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 51 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 37 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 20 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 22 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 20 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 10 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-5 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
APR — MONTH
PAGE 2
1500-1700 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 2.8 | 4.7 | 5.1 | 4.6 | 8.2 | 10.7 | 12.0 | 15.0 | 12.9 | 14.8 | 6.6 | 1.9 | .9 | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2042458 | 39726 | 44.1 | 17.928 | 900 | | | | | | | |
| Dry Bulb | 5082873 | 67279 | 74.8 | 7.712 | 900 | | | 76.2 | 56.1 | 30.2 | | 90 |
| Wet Bulb | 3357717 | 54669 | 60.7 | 6.410 | 900 | | | 18.7 | 1.0 | | | 90 |
| Dew Point | 2315390 | 44642 | 49.6 | 10.602 | 900 | | 5.9 | 1.7 | | | | 90 |

USAFETAC FORM JUL 64 0-26-5 (L/A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | APR |

PAGE 1 — HOURS (L. S. T.): 1800-2000

| Temp. (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | .1 | | | .3 | | .1 | .1 | | | | | 6 | 6 | | |
| 82/ 81 | | | | | .1 | .1 | .3 | .5 | .1 | .5 | .2 | | | | | | | 16 | 16 | | |
| 80/ 79 | | | | | .1 | .7 | .7 | 1.1 | .6 | .6 | .3 | | | | | | | 36 | 36 | | |
| 78/ 77 | | | | .2 | 1.5 | 1.0 | 1.2 | 1.1 | 1.5 | .2 | .2 | .1 | | | | | | 63 | 63 | | |
| 76/ 75 | | | .1 | .1 | .9 | 2.0 | 1.4 | 1.1 | 1.4 | .2 | .2 | | | | | | | 66 | 66 | | |
| 74/ 73 | | | | 1.0 | 1.8 | 1.6 | 1.6 | 1.7 | .8 | .1 | | | | | | | | 76 | 76 | 2 | |
| 72/ 71 | | .2 | .9 | 1.1 | 1.8 | 2.0 | 1.7 | 1.1 | 1.0 | .3 | | | | | | | | 91 | 91 | 8 | |
| 70/ 69 | | .1 | 1.6 | 1.0 | 1.7 | 1.9 | 1.5 | 1.2 | 1.2 | .1 | | | | | | | | 92 | 92 | 30 | 6 |
| 68/ 67 | | .5 | 2.8 | .9 | .7 | .9 | 1.9 | 1.0 | .8 | .2 | | | | | | | | 86 | 86 | 52 | 6 |
| 66/ 65 | | .6 | 1.0 | 1.5 | 1.4 | 1.4 | 1.5 | .8 | .6 | | | | | | | | | 76 | 76 | 93 | 36 |
| 64/ 63 | | .6 | .7 | 1.2 | .8 | 1.7 | 2.0 | 1.5 | .8 | | | | | | | | | 82 | 82 | 100 | 50 |
| 62/ 61 | | | .8 | 1.0 | 1.0 | 1.0 | .7 | 1.1 | .1 | | | | | | | | | 51 | 51 | 108 | 58 |
| 60/ 59 | | 1.0 | .9 | .9 | .8 | 1.6 | 1.1 | .5 | | | | | | | | | | 60 | 60 | 82 | 54 |
| 58/ 57 | | .5 | .3 | .2 | 1.2 | 1.0 | .9 | .1 | | | | | | | | | | 38 | 38 | 82 | 77 |
| 56/ 55 | | .1 | .2 | .3 | .3 | .8 | .3 | .1 | | | | | | | | | | 20 | 20 | 74 | 59 |
| 54/ 53 | | .1 | | .3 | | .3 | .1 | | | | | | | | | | | 8 | 8 | 78 | 71 |
| 52/ 51 | | .1 | | .1 | .3 | .1 | .1 | | | | | | | | | | | 7 | 7 | 50 | 62 |
| 50/ 49 | | | | .2 | .2 | .1 | | | | | | | | | | | | 5 | 5 | 53 | 63 |
| 48/ 47 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 39 | 47 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 12 | 49 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 11 | 41 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 5 | 49 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | 37 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 30 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 28 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 21 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 24 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 6 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 4 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 3.7 | 9.4 | 10.3 | 14.9 | 18.4 | 17.3 | 13.1 | 8.9 | 2.6 | 1.0 | .2 | .2 | | | | | 881 | 881 | 881 | 881 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 2929745 | 48747 | 55.3 | 16.254 | 881 |
| Dry Bulb | 4153556 | 60172 | 68.3 | 7.057 | 881 |
| Wet Bulb | 3066027 | 51647 | 58.6 | 6.599 | 881 |
| Dew Point | 2341197 | 44607 | 50.6 | 9.691 | 881 |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 54.4 | 27.0 | 3.7 | | 90 |
| Wet Bulb | | | 9.4 | .2 | | | 90 |
| Dew Point | | 3.8 | 1.2 | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
APR — MONTH
PAGE 1
2100-2300 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | .3 | | | | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | .3 | .6 | .9 | .1 | .1 | .1 | | | | | | | | | | 17 | 17 | | |
| 74/ 73 | | | .3 | .9 | 1.0 | .5 | .3 | .3 | | | | | | | | | | 25 | 25 | | |
| 72/ 71 | | | | 1.7 | 1.9 | .8 | .5 | | | | | | | | | | | 38 | 38 | 3 | |
| 70/ 69 | | .8 | 1.9 | 1.2 | 2.7 | 1.8 | 1.0 | .1 | | | | | | | | | | 71 | 71 | 11 | 3 |
| 68/ 67 | | .6 | 3.5 | 3.0 | 3.8 | 2.7 | .4 | .3 | .1 | .1 | | | | | | | | 112 | 112 | 19 | 2 |
| 66/ 65 | | 1.4 | 2.3 | 2.5 | 1.9 | .8 | .4 | .5 | | .1 | | | | | | | | 77 | 77 | 47 | 21 |
| 64/ 63 | .1 | 1.2 | 3.0 | 2.6 | 2.7 | .9 | .8 | | .1 | | | | | | | | | 88 | 88 | 79 | 38 |
| 62/ 61 | | .5 | 2.3 | 2.5 | 2.5 | .8 | .8 | .1 | | | | | | | | | | 73 | 73 | 76 | 61 |
| 60/ 59 | | .6 | 2.3 | 1.4 | 1.3 | .6 | .5 | | | | | | | | | | | 53 | 53 | 102 | 40 |
| 58/ 57 | | .9 | 1.4 | 2.6 | 1.8 | .8 | .9 | | | | | | | | | | | 65 | 65 | 87 | 75 |
| 56/ 55 | | .5 | .9 | 1.7 | 2.2 | 1.4 | .5 | | | | | | | | | | | 56 | 56 | 60 | 61 |
| 54/ 53 | | | .5 | 1.8 | 1.7 | .6 | | | | | | | | | | | | 36 | 36 | 63 | 67 |
| 52/ 51 | | .5 | .9 | 1.3 | .4 | .6 | | | | | | | | | | | | 29 | 29 | 48 | 72 |
| 50/ 49 | | | .5 | .8 | .5 | | | | | | | | | | | | | 14 | 14 | 52 | 53 |
| 48/ 47 | | | .3 | .8 | .3 | | | | | | | | | | | | | 10 | 10 | 51 | 55 |
| 46/ 45 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 39 | 27 |
| 44/ 43 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 14 | 39 |
| 42/ 41 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 16 | 31 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | 41 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 | 25 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 19 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 17 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 10 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .1 | 6.7 | 20.6 | 25.7 | 26.1 | 12.6 | 6.2 | 1.4 | .3 | .3 | | | | | | | | 771 | 771 | | 771 |
| | | | | | | | | | | | | | | | | | | 771 | | 771 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 83 F | |
| Rel. Hum. | 3533086 | 51154 | 66.3 | 13.443 | 771 | | | | | | | |
| Dry Bulb | 3071318 | 48392 | 62.8 | 8.693 | 771 | | | 30.9 | 5.1 | | | 90 |
| Wet Bulb | 2486400 | 43466 | 56.4 | 8.833 | 771 | | | 3.9 | | | | 90 |
| Dew Point | 2062001 | 39251 | 50.9 | 9.100 | 771 | | 3.4 | .6 | | | | 90 |

USAFETAC FORM 0-26-3 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 76,78-84 | MAY |

PAGE 1 — HOURS (L. S. T.): 0300-0500

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | .5 | .5 | | | | | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | .9 | .9 | 1.4 | | | | | | | | | | | | | | 7 | 7 | 2 | 1 |
| 72/ 71 | | 2.7 | 5.9 | 1.4 | | | | | | | | | | | | | | 22 | 22 | 3 | 2 |
| 70/ 69 | | 2.3 | 4.1 | 1.4 | | | | | | | | | | | | | | 17 | 17 | 14 | 8 |
| 68/ 67 | .5 | 4.6 | 9.1 | .5 | | .5 | | | | | | | | | | | | 33 | 33 | 26 | 17 |
| 66/ 65 | | 7.3 | 9.6 | .5 | .5 | .5 | | | | | | | | | | | | 29 | 29 | 23 | 24 |
| 64/ 63 | | 3.7 | 4.6 | .5 | | | | | | | | | | | | | | 19 | 19 | 35 | 22 |
| 62/ 61 | | 2.7 | 4.6 | .9 | | | | | | | | | | | | | | 18 | 18 | 21 | 26 |
| 60/ 59 | | 2.3 | 2.3 | 1.4 | .5 | | | | | | | | | | | | | 14 | 14 | 15 | 17 |
| 58/ 57 | | 2.7 | 4.6 | 1.8 | | | | | | | | | | | | | | 20 | 20 | 28 | 18 |
| 56/ 55 | | 2.7 | 2.7 | .5 | | | | | | | | | | | | | | 13 | 13 | 13 | 15 |
| 54/ 53 | | 1.4 | 2.3 | | | | | | | | | | | | | | | 8 | 8 | 16 | 17 |
| 52/ 51 | | .9 | 3.2 | .5 | | | | | | | | | | | | | | 10 | 10 | 15 | 15 |
| 50/ 49 | | .9 | .9 | .5 | | | | | | | | | | | | | | 5 | 5 | 8 | 10 |
| 48/ 47 | | .5 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 11 |
| 46/ 45 | | .5 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 9 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 7 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 36.5 | 50.2 | 11.0 | .9 | .9 | | | | | | | | | | | | 219 | 219 | 219 | 219 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≥0 F | ≥32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1522571 | 18186 | 83.0 | 7.588 | 219 | | | | | | | |
| Dry Bulb | 884215 | 13843 | 63.2 | 6.496 | 219 | | | 34.4 | 3.8 | | | 93 |
| Wet Bulb | 802273 | 13175 | 60.2 | 6.659 | 219 | | | 18.3 | .8 | | | 93 |
| Dew Point | 748282 | 12698 | 58.0 | 7.429 | 219 | | | 10.5 | .4 | | | 93 |

USAFETAC FORM 0-26-3 JUL 64 (LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | MAY |

PAGE 1 — HOURS (L.S.T.): 0000-0900

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | .3 | .1 | .1 | | .1 | | | | | | | | | 6 | 6 | | |
| 80/ 79 | | | | .3 | .4 | .4 | | | | | | | | | | | | 11 | 11 | | |
| 78/ 77 | | | .4 | 1.6 | 1.2 | | | .1 | | | | | | | | | | 31 | 31 | | |
| 76/ 75 | | .3 | 1.8 | 2.7 | .5 | .4 | .3 | .2 | | | | | | | | | | 59 | 59 | 2 | |
| 74/ 73 | | .8 | 2.6 | 3.7 | 1.6 | .5 | .3 | | | | | | | | | | | 88 | 88 | 20 | 3 |
| 72/ 71 | | .9 | 5.7 | 3.2 | 1.2 | 1.2 | .6 | | | | | | | | | | | 119 | 119 | 58 | 14 |
| 70/ 69 | .1 | 1.9 | 5.6 | 2.5 | 1.4 | 1.2 | .2 | | | | | | | | | | | 120 | 120 | 83 | 39 |
| 68/ 67 | | 1.4 | 7.1 | 2.7 | 1.5 | 1.0 | .1 | | | | | | | | | | | 128 | 128 | 101 | 56 |
| 66/ 65 | | 2.4 | 4.4 | 1.6 | 1.6 | .4 | .1 | | | | | | | | | | | 98 | 98 | 126 | 89 |
| 64/ 63 | | 1.6 | 2.0 | 2.0 | 1.2 | .5 | .2 | | | | | | | | | | | 71 | 71 | 119 | 101 |
| 62/ 61 | | 1.5 | 2.9 | 1.5 | 1.1 | .3 | | | | | | | | | | | | 68 | 68 | 110 | 104 |
| 60/ 59 | .1 | 1.0 | 2.2 | 1.9 | .4 | | | | | | | | | | | | | 52 | 52 | 87 | 93 |
| 58/ 57 | | .5 | 1.3 | .9 | .1 | .3 | | | | | | | | | | | | 29 | 29 | 73 | 82 |
| 56/ 55 | | .6 | 1.0 | .5 | .3 | | | | | | | | | | | | | 23 | 23 | 47 | 84 |
| 54/ 53 | | .2 | 1.1 | .4 | .2 | | | | | | | | | | | | | 18 | 18 | 48 | 66 |
| 52/ 51 | | .3 | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 24 | 48 |
| 50/ 49 | | .2 | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 22 | 41 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 6 | 27 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 13 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 4 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .2 | 13.7 | 38.3 | 25.8 | 13.1 | 6.5 | 2.0 | .3 | .1 | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | Σx² | Σx | X̄ | σx | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 5440128 | 70398 | 75.7 | 10.942 | 930 |
| Dry Bulb | 4269626 | 62758 | 67.5 | 6.104 | 930 |
| Wet Bulb | 3682579 | 58255 | 62.6 | 6.005 | 930 |
| Dew Point | 3322133 | 55185 | 59.3 | 7.153 | 930 |

| Mean No. of Hours with Temperature | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 56.2 | 19.5 | 1.1 | | 93 |
| Wet Bulb | | | 28.4 | 2.2 | | | 93 |
| Dew Point | | | 16.4 | .3 | | | 93 |

USAFETAC FORM 0-26-5-(OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 92/ 91 | | | | | | | | .1 | | .2 | | | | | | | | 3 | 3 | | |
| 90/ 89 | | | | | | | | .2 | .3 | .2 | | .2 | | | | | | 9 | 9 | | |
| 88/ 87 | | | | | .1 | | .8 | .8 | .6 | .1 | .3 | .1 | | | | | | 26 | 26 | | |
| 86/ 85 | | | | | | .9 | 1.3 | .9 | .4 | .5 | .2 | .2 | | | | | | 41 | 41 | | |
| 84/ 83 | | | | | .5 | 1.7 | 1.1 | 1.1 | .4 | .5 | .1 | | | | | | | 51 | 51 | | |
| 82/ 81 | | | | .2 | 1.5 | 2.2 | 3.0 | 1.3 | 1.5 | .4 | .5 | | | | | | | 99 | 99 | | |
| 80/ 79 | | | .1 | .8 | 2.2 | 3.1 | 1.7 | 2.2 | 1.0 | .5 | .2 | | | | | | | 109 | 109 | 1 | |
| 78/ 77 | | | .2 | 1.2 | 3.5 | 2.5 | 2.4 | 1.6 | 1.0 | .2 | .1 | | | | | | | 118 | 118 | 2 | |
| 76/ 75 | | | .4 | 2.4 | 3.2 | 2.7 | 1.0 | 1.5 | 1.5 | .1 | | | | | | | | 119 | 119 | 26 | 1 |
| 74/ 73 | | | .6 | 1.9 | .9 | 1.7 | 1.9 | .8 | .6 | .1 | .1 | | | | | | | 81 | 81 | 84 | 7 |
| 72/ 71 | | .4 | 1.4 | 2.3 | 1.5 | 1.0 | 1.0 | .6 | .3 | .2 | | | | | | | | 81 | 81 | 91 | 23 |
| 70/ 69 | | .3 | 1.6 | 1.5 | .9 | 1.3 | .9 | .6 | .2 | .1 | | | | | | | | 69 | 69 | 124 | 63 |
| 68/ 67 | | .2 | 1.6 | 1.4 | .4 | 1.0 | .2 | .4 | | | | | | | | | | 49 | 49 | 143 | 92 |
| 66/ 65 | | .3 | .9 | .2 | .6 | .9 | .5 | .1 | .1 | | | | | | | | | 34 | 34 | 120 | 106 |
| 64/ 63 | | .6 | .5 | .5 | .2 | .3 | .1 | .1 | | | | | | | | | | 23 | 23 | 110 | 108 |
| 62/ 61 | | | .1 | .4 | .2 | .2 | .2 | .2 | | | | | | | | | | 13 | 13 | 88 | 93 |
| 60/ 59 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 49 | 83 |
| 58/ 57 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 40 | 69 |
| 56/ 55 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | 25 | 64 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 15 | 58 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 38 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 9 | 42 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 24 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 22 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 16 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 10 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 1.9 | 7.5 | 12.9 | 16.2 | 19.4 | 16.0 | 12.5 | 8.1 | 3.3 | 1.6 | .5 | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3396494 | 54696 | 58.8 | 13.907 | 930 |
| Dry Bulb | 5398234 | 70612 | 75.9 | 6.301 | 930 |
| Wet Bulb | 4085168 | 61428 | 66.1 | 5.465 | 930 |
| Dew Point | 3377868 | 55604 | 59.8 | 7.578 | 930 |

| Mean No. of Hours with Temperature | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 75 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 93.5 | 65.6 | 28.6 | | 93 |
| Wet Bulb | | | 87.1 | 11.3 | | | 93 |
| Dew Point | | | 18.6 | .8 | | | 93 |

USAFETAC FORM 0-26-5 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAY — MONTH
PAGE 1
1200-1400 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | | | | .1 | | .1 | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | | | .3 | .5 | .1 | .1 | | | | | 10 | 10 | | |
| 92/ 91 | | | | | | | | | .6 | .9 | .6 | .1 | .3 | .3 | | | | 27 | 27 | | |
| 90/ 89 | | | | | .1 | | .2 | 1.1 | 1.3 | 1.6 | .2 | .6 | .5 | | | | | 53 | 53 | | |
| 88/ 87 | | | | | | .2 | 1.4 | 1.3 | 2.5 | 1.3 | 1.0 | .2 | .3 | .1 | | | | 77 | 77 | | |
| 86/ 85 | | | | | | .5 | 1.8 | 3.2 | 2.0 | 2.5 | .5 | 1.0 | .2 | | | | | 110 | 110 | | |
| 84/ 83 | | | | | | 1.0 | 2.3 | 2.7 | 1.8 | 1.9 | 1.9 | .5 | .2 | | | | | 115 | 115 | | |
| 82/ 81 | | | | | .4 | 1.6 | 2.8 | 1.9 | 2.2 | 1.1 | 1.8 | .1 | | | | | | 111 | 111 | 1 | |
| 80/ 79 | | | | | .8 | 2.2 | 1.5 | 1.8 | 1.6 | 1.4 | .8 | | | | | | | 93 | 93 | | 1 |
| 78/ 77 | | .1 | | .4 | 2.0 | .8 | 1.8 | .6 | 1.3 | 1.4 | .4 | .1 | | | | | | 84 | 84 | 6 | |
| 76/ 75 | | | .1 | 1.5 | 1.2 | 1.1 | 1.0 | 1.0 | 1.1 | .8 | .1 | | | | | | | 72 | 72 | 50 | 1 |
| 74/ 73 | | | .2 | .9 | .6 | .3 | .5 | .5 | 1.1 | .5 | | | | | | | | 44 | 44 | 88 | 3 |
| 72/ 71 | | .2 | .9 | .8 | .9 | .1 | .3 | .5 | .5 | .1 | .1 | | | | | | | 41 | 41 | 125 | 15 |
| 70/ 69 | | .4 | .6 | .3 | .8 | .5 | .4 | .2 | .3 | .1 | | | | | | | | 35 | 35 | 135 | 56 |
| 68/ 67 | | .3 | .5 | .4 | .8 | .2 | .2 | .1 | | .1 | | | | | | | | 25 | 25 | 130 | 82 |
| 66/ 65 | | .1 | 1.1 | .5 | .3 | | | .1 | | | | | | | | | | 20 | 20 | 117 | 104 |
| 64/ 63 | | .4 | | .2 | | .1 | | | | | | | | | | | | 7 | 7 | 91 | 107 |
| 62/ 61 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 64 | 90 |
| 60/ 59 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 46 | 79 |
| 58/ 57 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 31 | 69 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 16 | 58 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 4 | 48 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 39 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 57 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 43 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 25 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 19 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 14 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 10 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-5 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAY — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | | 1.6 | 3.4 | 5.3 | 8.1 | 8.6 | 14.3 | 15.2 | 16.3 | 14.0 | 8.2 | 2.8 | 1.8 | .4 | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2515523 | 46339 | 49.8 | 14.913 | 930 | | | | | | | |
| Dry Bulb | 6046626 | 74730 | 80.4 | 6.705 | 930 | | | 89.9 | 79.8 | 55.8 | 1.2 | 93 |
| Wet Bulb | 4214430 | 62418 | 67.1 | 5.211 | 930 | | | 53.5 | 14.5 | .1 | | 93 |
| Dew Point | 3278759 | 54731 | 58.9 | 7.889 | 930 | | .1 | 15.8 | .5 | .1 | | 93 |

USAFETAC FORM 0-26-3 (JUL 64 L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72226S — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAY — MONTH
PAGE 1
1500-1700 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 94/ 93 | | | | | | | | | | | .3 | | .2 | .1 | | | | 6 | 6 | | |
| 92/ 91 | | | | | | | | .1 | .2 | .6 | .9 | .2 | .2 | .1 | | | | 22 | 22 | | |
| 90/ 89 | | | | | | | .2 | .3 | 1.5 | 1.3 | .5 | .4 | .3 | | | | | 43 | 43 | | |
| 88/ 87 | | | | | | | 1.0 | 1.5 | 2.5 | 1.7 | 1.1 | .4 | .9 | | | | | 84 | 84 | | |
| 86/ 85 | | | | | | .2 | 1.7 | 1.8 | 2.5 | 2.3 | 1.4 | .8 | | | | | | 99 | 99 | | |
| 84/ 83 | | | | | .1 | .6 | 1.5 | 3.4 | 2.0 | 2.3 | 1.4 | .9 | .2 | | | | | 116 | 116 | | |
| 82/ 81 | | | | .2 | .6 | 1.7 | 2.6 | 2.2 | 1.8 | 2.3 | 1.9 | .4 | .1 | | | | | 129 | 129 | | |
| 80/ 79 | | | | .3 | 1.6 | 1.2 | 1.4 | 1.2 | 1.3 | 2.2 | .8 | | | | | | | 92 | 92 | | |
| 78/ 77 | | | | .4 | 1.8 | 1.4 | 1.6 | 1.2 | 1.5 | 1.4 | .9 | | | | | | | 95 | 95 | 7 | |
| 76/ 75 | | | .4 | 1.0 | 1.2 | 1.1 | .9 | 1.4 | 1.0 | 1.2 | .2 | | | | | | | 77 | 77 | 20 | |
| 74/ 73 | | .2 | .8 | 1.2 | .6 | .8 | .1 | .6 | .6 | .2 | .2 | | | | | | | 50 | 50 | 90 | 7 |
| 72/ 71 | | .5 | .3 | .4 | .4 | .1 | .3 | .6 | | | | | | | | | | 26 | 26 | 135 | 15 |
| 70/ 69 | | .2 | 1.1 | .6 | .8 | .8 | | .2 | .3 | | | | | | | | | 37 | 37 | 187 | 39 |
| 68/ 67 | | .3 | 1.1 | .4 | .8 | .2 | | | .1 | | | | | | | | | 27 | 27 | 119 | 60 |
| 66/ 65 | | .2 | .5 | .5 | .3 | | | | | | | | | | | | | 15 | 15 | 121 | 108 |
| 64/ 63 | | | .1 | .1 | .2 | .2 | | | | | | | | | | | | 6 | 6 | 103 | 101 |
| 62/ 61 | | .3 | | .3 | | | | | | | | | | | | | | 6 | 6 | 90 | 108 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 51 | 69 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 31 | 63 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 11 | 62 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 5 | 58 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 54 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 53 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 45 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 26 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 13 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 13 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 12 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 1.8 | 4.3 | 5.6 | 8.5 | 8.3 | 11.3 | 14.6 | 15.4 | 15.4 | 9.6 | 3.1 | 1.9 | .2 | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2542397 | 46393 | 49.9 | 15.669 | 930 | | | | | | | |
| Dry Bulb | 6022616 | 74600 | 80.2 | 6.444 | 930 | | | 90.3 | 81.3 | 54.6 | .6 | 93 |
| Wet Bulb | 4189162 | 62252 | 66.9 | 4.884 | 930 | | | 51.8 | 11.7 | | | 93 |
| Dew Point | 3253041 | 54531 | 58.6 | 7.735 | 930 | | .1 | 14.1 | .7 | | | 93 |

USAFETAC FORM 0-26-3 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 1
1800-2000 HOURS (L. S. T.)

| Temp. (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | .3 | | | .1 | | | | | | 4 | 4 | | |
| 88/ 87 | | | | | | | .2 | .1 | .5 | | | .1 | | | | | | 9 | 9 | | |
| 86/ 85 | | | | | | .3 | .5 | 1.2 | .7 | | .4 | | | | | | | 29 | 29 | | |
| 84/ 83 | | | | | .5 | .4 | 1.1 | .5 | .5 | .2 | .3 | | | | | | | 34 | 34 | | |
| 82/ 81 | | | | .2 | 1.1 | 1.5 | 1.7 | 1.3 | 1.1 | .2 | .4 | .1 | | | | | | 71 | 71 | | |
| 80/ 79 | | | | .7 | 1.2 | 3.7 | 2.1 | 1.3 | 1.1 | .8 | | .1 | | | | | | 100 | 100 | | |
| 78/ 77 | | | .1 | 1.2 | 2.9 | 2.8 | 1.7 | 1.0 | 1.4 | .5 | .1 | | | | | | | 109 | 109 | 1 | |
| 76/ 75 | | | .9 | 2.6 | 3.9 | 2.5 | 2.0 | 1.4 | .2 | .3 | .1 | | | | | | | 128 | 128 | 14 | |
| 74/ 73 | | .5 | 2.0 | 2.1 | 2.2 | 2.2 | 2.0 | 1.3 | .3 | | | | | | | | | 115 | 115 | 49 | 4 |
| 72/ 71 | | .2 | 1.4 | 1.7 | 2.2 | 1.3 | 2.0 | .5 | .3 | .1 | .1 | | | | | | | 91 | 91 | 85 | 23 |
| 70/ 69 | | .7 | 1.1 | 1.7 | 1.7 | 2.3 | .8 | .7 | .1 | | | | | | | | | 83 | 83 | 138 | 43 |
| 68/ 67 | | .7 | 1.8 | 1.1 | .8 | .8 | 1.1 | .4 | | | | | | | | | | 61 | 61 | 131 | 86 |
| 66/ 65 | | .4 | 1.1 | 1.0 | .7 | .1 | .7 | .1 | | | | | | | | | | 37 | 37 | 117 | 97 |
| 64/ 63 | | | .4 | 1.1 | .1 | .8 | .2 | | | | | | | | | | | 24 | 24 | 116 | 111 |
| 62/ 61 | | .2 | .3 | .8 | .2 | .2 | | | | | | | | | | | | 16 | 16 | 103 | 110 |
| 60/ 59 | | .1 | .2 | | .4 | | | | | | | | | | | | | 7 | 7 | 68 | 63 |
| 58/ 57 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 46 | 79 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 26 | 69 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 19 | 67 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 8 | 58 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 26 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 23 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 25 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 16 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 7 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 10 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 2.8 | 9.4 | 14.3 | 18.0 | 18.9 | 16.0 | 9.9 | 6.6 | 2.2 | 1.5 | .4 | | | | | | 919 | 919 | | 919 |
| | | | | | | | | | | | | | | | | | | 919 | | 919 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3556281 | 55643 | 60.5 | 14.282 | 919 |
| Dry Bulb | 5188052 | 68566 | 74.6 | 5.940 | 919 |
| Wet Bulb | 3948741 | 60053 | 65.3 | 5.168 | 919 |
| Dew Point | 3286314 | 54546 | 59.4 | 7.292 | 919 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 84.4 | 60.6 | 20.1 | | 93 |
| Wet Bulb | | | 42.3 | 6.5 | | | 93 |
| Dew Point | | | 15.8 | .4 | | | 93 |

USAFETAC FORM 0-26-5 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
MAY — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | .3 | .3 | | | | | | | | | | | 4 | 4 | | |
| 80/ 79 | | | | .5 | 1.3 | .7 | | | | | | | | | | | | 15 | 15 | | |
| 78/ 77 | | | .7 | 1.8 | 3.3 | .8 | .3 | .2 | .2 | | | | | | | | | 44 | 44 | | |
| 76/ 75 | | .2 | 2.1 | 2.3 | 3.8 | .8 | .8 | .3 | | | | | | | | | | 63 | 63 | 1 | |
| 74/ 73 | | | 3.6 | 6.3 | 3.0 | 1.7 | .7 | | | | | | | | | | | 92 | 92 | 17 | 1 |
| 72/ 71 | | 1.2 | 4.8 | 3.0 | 3.3 | 1.5 | .5 | | | | | | | | | | | 86 | 86 | 43 | 11 |
| 70/ 69 | | .7 | 3.3 | 4.3 | 3.3 | 1.3 | .7 | | | | | | | | | | | 82 | 82 | 72 | 40 |
| 68/ 67 | | 1.5 | 3.6 | 1.7 | 1.8 | 1.7 | .3 | .7 | | | | | | | | | | 66 | 66 | 99 | 61 |
| 66/ 65 | | .8 | 2.1 | 2.1 | 1.7 | 1.3 | .3 | | | | | | | | | | | 51 | 51 | 65 | 63 |
| 64/ 63 | | .3 | 2.0 | 2.8 | 1.7 | .3 | .3 | | | | | | | | | | | 45 | 45 | 85 | 74 |
| 62/ 61 | | .2 | .7 | .7 | .5 | .2 | .3 | | | | | | | | | | | 15 | 15 | 61 | 68 |
| 60/ 59 | | .3 | 1.3 | 1.2 | .3 | .2 | | | | | | | | | | | | 20 | 20 | 52 | 57 |
| 58/ 57 | | .3 | .7 | .3 | .7 | .2 | | | | | | | | | | | | 13 | 13 | 46 | 42 |
| 56/ 55 | | .2 | .5 | .3 | .3 | | | | | | | | | | | | | 8 | 8 | 29 | 53 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 19 | 38 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 11 | 38 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 6 | 20 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 13 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 10 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 5 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 5.6 | 25.4 | 27.2 | 24.9 | 10.9 | 4.6 | 1.2 | .2 | | | | | | | | | 606 | 606 | | 606 |
| | | | | | | | | | | | | | | | | | | 606 | | 606 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3128673 | 43011 | 71.0 | 11.205 | 606 |
| Dry Bulb | 2981222 | 42376 | 69.9 | 5.451 | 606 |
| Wet Bulb | 2489873 | 38699 | 63.9 | 5.540 | 606 |
| Dew Point | 2198940 | 36258 | 59.8 | 6.990 | 606 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 69.7 | 33.5 | 1.5 | | 93 |
| Wet Bulb | | | 35.6 | 2.8 | | | 93 |
| Dew Point | | | 17.3 | .2 | | | 93 |

USAFETAC FORM 0-26 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-76,78-84 — YEARS
JUN — MONTH
PAGE 1
0300-0500 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80/ 79 | | | .5 | .5 | | | | | | | | | | | | | | 2 | 2 | | |
| 78/ 77 | | .5 | 1.4 | .5 | | | | | | | | | | | | | | 5 | 5 | 1 | |
| 76/ 75 | | 2.8 | 6.1 | 2.3 | | | | | | | | | | | | | | 24 | 24 | 1 | 1 |
| 74/ 73 | | 8.4 | 9.8 | 6.5 | 1.4 | .9 | | | | | | | | | | | | 58 | 58 | 16 | 8 |
| 72/ 71 | | 7.0 | 7.0 | 1.9 | 1.4 | .5 | | | | | | | | | | | | 38 | 38 | 40 | 24 |
| 70/ 69 | | 5.1 | 11.2 | | 1.4 | .9 | | | | | | | | | | | | 40 | 40 | 39 | 39 |
| 68/ 67 | | 4.2 | 2.8 | | 1.9 | | .5 | | | | | | | | | | | 20 | 20 | 39 | 30 |
| 66/ 65 | | 2.3 | .5 | 1.9 | .5 | | | | | | | | | | | | | 11 | 11 | 34 | 43 |
| 64/ 63 | | .9 | | .9 | .5 | | | | | | | | | | | | | 5 | 5 | 12 | 18 |
| 62/ 61 | | .9 | .5 | | .9 | | | | | | | | | | | | | 5 | 5 | 7 | 12 |
| 60/ 59 | | .5 | .9 | | | | | | | | | | | | | | | 3 | 3 | 13 | 9 |
| 58/ 57 | | .5 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 7 |
| 56/ 55 | | .5 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 11 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 3 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 5 |
| 50/ 49 | | .5 | | | | | | | | | | | | | | | | 1 | 1 | | 1 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 34.1 | 40.7 | 15.5 | 7.9 | 2.3 | .5 | | | | | | | | | | | 214 | 214 | 214 | 214 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 1485694 | 17706 | 82.7 | 9.865 | 214 |
| Dry Bulb | 1077000 | 15154 | 70.8 | 4.278 | 214 |
| Wet Bulb | 973307 | 14397 | 67.3 | 4.717 | 214 |
| Dew Point | 917649 | 13959 | 65.2 | 5.781 | 214 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 78.6 | 37.4 | .8 | | 90 |
| Wet Bulb | | | 57.2 | 7.6 | | | 90 |
| Dew Point | | | 42.9 | 3.8 | | | 90 |

USAFETAC FORM 0-26-1 JUL 64 (JL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUN — MONTH

PAGE 1 — 0600-0800 HOURS (L.S.T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | .1 | .4 | .7 | | .1 | | | | | | | | | | 12 | 12 | | |
| 84/ 83 | | | | .4 | 1.2 | .4 | .2 | | | | | | | | | | | 21 | 21 | | |
| 82/ 81 | | | .3 | 1.6 | 2.2 | .8 | .6 | | | | | | | | | | | 49 | 49 | | |
| 80/ 79 | | .1 | 1.7 | 3.4 | 2.8 | 2.1 | .7 | .1 | | | | | | | | | | 97 | 97 | 3 | |
| 78/ 77 | | .2 | 3.9 | 5.4 | 3.9 | .9 | .4 | | .1 | | | | | | | | | 133 | 133 | 16 | 2 |
| 76/ 75 | | 2.0 | 6.4 | 7.8 | 1.8 | 1.7 | .3 | .2 | .2 | | | | | | | | | 182 | 182 | 66 | 9 |
| 74/ 73 | | 3.0 | 6.6 | 5.4 | 1.0 | 1.0 | .6 | | | | | | | | | | | 157 | 158 | 135 | 68 |
| 72/ 71 | | 2.2 | 4.2 | 1.2 | 1.0 | .6 | .7 | .1 | | | | | | | | | | 89 | 89 | 187 | 123 |
| 70/ 69 | | 1.3 | 3.9 | .9 | 1.2 | .7 | .4 | .1 | | | | | | | | | | 77 | 77 | 176 | 166 |
| 68/ 67 | | .3 | 1.6 | .7 | .6 | .4 | | | | | | | | | | | | 32 | 32 | 111 | 163 |
| 66/ 65 | | .3 | .7 | .8 | .4 | .2 | | | | | | | | | | | | 22 | 22 | 66 | 102 |
| 64/ 63 | | .1 | .2 | .3 | .1 | .1 | | | | | | | | | | | | 8 | 8 | 45 | 84 |
| 62/ 61 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 40 | 43 |
| 60/ 59 | | .1 | | .2 | .1 | | | | | | | | | | | | | 4 | 4 | 22 | 28 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 16 | 35 |
| 56/ 55 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | 18 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 20 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 8 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | 10.1 | 29.9 | 28.2 | 17.0 | 9.9 | 3.9 | .7 | .3 | | | | | | | | | | 891 | | 890 |
| | | | | | | | | | | | | | | | | | | 890 | | 890 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 5153883 | 67023 | 75.3 | 10.950 | 890 |
| Dry Bulb | 5011069 | 66695 | 74.9 | 4.531 | 891 |
| Wet Bulb | 4300320 | 61734 | 69.4 | 4.525 | 890 |
| Dew Point | 3943202 | 59022 | 66.3 | 5.716 | 890 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 86.1 | 66.1 | 13.6 | | 90 |
| Wet Bulb | | | 70.2 | 22.2 | .1 | | 90 |
| Dew Point | | | 53.7 | 8.0 | | | 90 |

USAFETAC FORM 0-26-4 JUL 64 (JLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUN — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | | .2 | .2 | .1 | | | | | | | 5 | 5 | | |
| 94/ 93 | | | | | | | | .3 | .4 | .4 | .3 | .1 | | | | | | 15 | 15 | | |
| 92/ 91 | | | | | | .1 | .7 | .8 | 1.0 | .6 | .3 | .2 | | | | | | 33 | 33 | | |
| 90/ 89 | | | | | .1 | .6 | 1.9 | 2.7 | 1.0 | .8 | .9 | .1 | .1 | | | | | 73 | 73 | | |
| 88/ 87 | | | | | | 3.0 | 3.4 | 1.8 | 2.4 | .9 | .2 | .2 | | | | | | 106 | 106 | | |
| 86/ 85 | | | | .1 | 1.3 | 4.9 | 3.3 | 3.6 | 1.2 | .6 | .4 | .2 | | | | | | 140 | 140 | | |
| 84/ 83 | | | | .4 | 3.7 | 4.6 | 3.7 | 2.4 | .8 | .6 | | .1 | | | | | | 145 | 145 | | |
| 82/ 81 | | | .1 | 2.1 | 4.2 | 4.3 | 2.7 | 1.8 | .2 | .3 | .2 | | | | | | | 142 | 142 | 6 | |
| 80/ 79 | | | .1 | 2.2 | 2.2 | 2.5 | 1.0 | .8 | .6 | .2 | .2 | | | | | | | 88 | 88 | 25 | |
| 78/ 77 | | .1 | 1.2 | 1.2 | 2.1 | .4 | .9 | .8 | .6 | .2 | .1 | | | | | | | 69 | 69 | 96 | 6 |
| 76/ 75 | | .2 | .9 | .8 | .8 | .6 | .4 | .3 | .3 | .1 | .1 | | | | | | | 41 | 41 | 156 | 31 |
| 74/ 73 | | | .4 | .4 | | .3 | .2 | .3 | .1 | | | | | | | | | 17 | 17 | 218 | 92 |
| 72/ 71 | | .1 | .2 | .1 | | .4 | .1 | .1 | | | | | | | | | | 10 | 10 | 153 | 141 |
| 70/ 69 | | .2 | .1 | | .2 | .1 | | | | | | | | | | | | 6 | 6 | 99 | 144 |
| 68/ 67 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 50 | 121 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 40 | 121 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 20 | 64 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 22 | 32 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 6 | 42 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 5 | 26 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 14 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 16 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 14 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 8 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 9 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .0 | 3.1 | 7.5 | 14.7 | 21.9 | 18.3 | 15.7 | 8.9 | 4.9 | 3.0 | 1.0 | .1 | | | | | 891 | 891 | 891 | 891 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3162606 | 51984 | 58.3 | 12.071 | 891 |
| Dry Bulb | 6212091 | 74273 | 83.4 | 4.829 | 891 |
| Wet Bulb | 4681187 | 64471 | 72.4 | 4.265 | 891 |
| Dew Point | 3999743 | 59437 | 66.7 | 6.254 | 891 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 90.0 | 88.3 | 72.1 | 2.0 | 90 |
| Wet Bulb | | | 80.6 | 50.6 | 1.6 | | 90 |
| Dew Point | | | 54.0 | 13.0 | | | 90 |

USAFETAC FORM JUL 64 0-26-5-(OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUN — MONTH
PAGE 1
1200-1400 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100/ 99 | | | | | | | | | | | .4 | .1 | .2 | .1 | | | | 8 | 8 | | |
| 98/ 97 | | | | | | | | | | 1.0 | .4 | .2 | .6 | | | | | 20 | 20 | | |
| 96/ 95 | | | | | | | | .1 | .2 | 1.6 | .6 | 1.5 | .3 | .2 | | | | 40 | 40 | | |
| 94/ 93 | | | | | | | .2 | .3 | 1.7 | 2.7 | 1.8 | 1.0 | .1 | .6 | | | | 75 | 75 | | |
| 92/ 91 | | | | | | | .4 | 1.7 | 4.4 | 3.3 | 2.4 | .2 | .6 | .1 | | | | 116 | 116 | | |
| 90/ 89 | | | | | | .1 | 2.5 | 3.9 | 3.3 | 3.6 | 1.1 | .7 | .8 | | | | | 147 | 147 | | |
| 88/ 87 | | | | | | 1.7 | 3.4 | 3.6 | 3.5 | 2.2 | .8 | .7 | | | | | | 141 | 141 | | |
| 86/ 85 | | | | | .6 | 2.4 | 3.1 | 2.6 | 1.3 | 1.6 | 1.1 | .3 | | | | | | 116 | 116 | | |
| 84/ 83 | | | | | 2.4 | 1.2 | 2.2 | .9 | .9 | 1.2 | .8 | .1 | | | | | | 87 | 87 | | |
| 82/ 81 | | | | .2 | .4 | 1.0 | .9 | .3 | .7 | .7 | .2 | | .2 | | | | | 42 | 42 | 7 | |
| 80/ 79 | | | .1 | .3 | 1.1 | 1.3 | .1 | .6 | .1 | .6 | | .1 | | | | | | 39 | 39 | 26 | |
| 78/ 77 | | | .6 | .6 | .4 | .2 | .2 | .2 | .3 | .2 | | | | | | | | 25 | 25 | 123 | 1 |
| 76/ 75 | | .2 | .7 | .6 | .1 | .1 | .1 | | | | | | | | | | | 16 | 16 | 178 | 13 |
| 74/ 73 | | .4 | .4 | .3 | | .1 | | | | | | | | | | | | 12 | 12 | 204 | 74 |
| 72/ 71 | | .1 | .3 | .1 | | .1 | | | | | | | | | | | | 6 | 6 | 152 | 111 |
| 70/ 69 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 73 | 134 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 56 | 136 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 37 | 110 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 18 | 78 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 12 | 71 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | 42 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 22 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 22 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 27 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 26 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 10 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 9 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | .9 | 2.1 | 2.1 | 5.1 | 8.3 | 13.2 | 14.3 | 16.9 | 18.5 | 9.7 | 4.9 | 2.8 | 1.0 | | | | 891 | 891 | | 891 |
| | | | | | | | | | | | | | | | | | | 891 | | 891 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2330267 | 44067 | 49.5 | 13.017 | 891 | | | | | | | |
| Dry Bulb | 6842477 | 77935 | 87.5 | 5.360 | 891 | | | 90.0 | 89.3 | 82.1 | 14.4 | 90 |
| Wet Bulb | 4750132 | 64960 | 72.9 | 3.981 | 891 | | | 82.9 | 54.5 | 1.3 | | 90 |
| Dew Point | 3856529 | 58343 | 65.5 | 6.378 | 891 | | | 47.4 | 8.9 | | | 90 |

USAFETAC FORM 0-26-(JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUN — MONTH
PAGE 1
1500-1700 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 102/101 | | | | | | | | | | | | .1 | .1 | | | | | 2 | 2 | | |
| 100/ 99 | | | | | | | | | | | .1 | .1 | .2 | .1 | | | | 5 | 5 | | |
| 98/ 97 | | | | | | | | | | .1 | .9 | .4 | .4 | .2 | | | | 19 | 19 | | |
| 96/ 95 | | | | | | | | | .6 | .9 | 1.5 | 1.0 | .7 | .2 | .1 | | | 44 | 44 | | |
| 94/ 93 | | | | | | | | .3 | 1.2 | 2.4 | 2.1 | 1.3 | .7 | .7 | .1 | | | 79 | 79 | | |
| 92/ 91 | | | | | | .1 | .1 | 1.3 | 2.9 | 3.0 | 3.8 | 1.3 | .8 | .1 | | | | 121 | 121 | | |
| 90/ 89 | | | | | | | 1.6 | 4.5 | 3.8 | 4.3 | 1.7 | 1.0 | .3 | | | | | 149 | 149 | | |
| 88/ 87 | | | | | | .8 | 2.9 | 3.1 | 3.4 | 1.7 | 1.3 | .9 | .1 | | | | | 127 | 127 | | |
| 86/ 85 | | | | .1 | .6 | 1.5 | 1.2 | 2.8 | .9 | 1.9 | 1.2 | .4 | .2 | | | | | 97 | 97 | | |
| 84/ 83 | | | | .2 | .8 | .9 | 1.3 | .9 | .1 | .8 | .9 | .3 | .3 | | | | | 59 | 59 | 1 | |
| 82/ 81 | | | | .6 | 1.1 | 2.0 | .6 | .1 | .2 | .2 | .7 | | | | | | | 49 | 49 | 1 | |
| 80/ 79 | | | .6 | .9 | 3.5 | .9 | .3 | .6 | .2 | .3 | .1 | | | | | | | 48 | 48 | 18 | 1 |
| 78/ 77 | | | .7 | 1.0 | 1.2 | | .2 | .2 | .1 | .1 | | | | | | | | 32 | 32 | 97 | 1 |
| 76/ 75 | | .2 | 1.2 | .7 | .4 | | .1 | | | | | | | | | | | 24 | 24 | 167 | 10 |
| 74/ 73 | | .3 | .7 | .9 | .1 | | | | | | | | | | | | | 18 | 18 | 215 | 50 |
| 72/ 71 | | .3 | .7 | .3 | | | | | | | | | | | | | | 12 | 12 | 170 | 86 |
| 70/ 69 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 79 | 133 |
| 68/ 67 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 71 | 141 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 42 | 118 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 17 | 90 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 13 | 78 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 4 | 36 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 41 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 24 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 30 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 20 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 13 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 7 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 8 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .9 | 4.2 | 4.9 | 5.7 | 6.2 | 8.4 | 13.9 | 13.5 | 15.7 | 13.9 | 7.1 | 3.9 | 1.3 | .2 | | | | 890 | | 890 |
| | | | | | | | | | | | | | | | | | | 890 | | 890 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 2371877 | 43973 | 49.4 | 14.979 | 890 |
| Dry Bulb | 6785684 | 77528 | 87.1 | 6.019 | 890 |
| Wet Bulb | 4682177 | 64461 | 72.4 | 3.881 | 890 |
| Dew Point | 3773486 | 57665 | 64.8 | 6.439 | 890 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | 90.0 | 88.3 | 78.2 | 15.1 | 90 |
| Dry Bulb | | | 82.3 | 50.0 | .9 | | 90 |
| Wet Bulb | | | 42.7 | 6.3 | .1 | | 90 |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-5 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUN — MONTH
PAGE 1
1800-2000 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | | .1 | | .2 | .2 | | | | | | 5 | 5 | | |
| 94/ 93 | | | | | | | | .1 | .3 | | .1 | .2 | | | | | | 7 | 7 | | |
| 92/ 91 | | | | | | | .1 | .2 | .7 | .9 | .3 | .1 | | | | | | 24 | 24 | | |
| 90/ 89 | | | | | | .2 | .6 | 1.7 | .6 | 1.1 | .2 | .3 | | | | | | 46 | 46 | | |
| 88/ 87 | | | | | .1 | 1.0 | 2.0 | 1.2 | 2.2 | .8 | .7 | .1 | | | | | | 73 | 73 | | |
| 86/ 85 | | | | .1 | .8 | 3.1 | 2.4 | 3.6 | 1.5 | .9 | .2 | | | | | | | 112 | 112 | | |
| 84/ 83 | | | | .4 | 2.2 | 2.8 | 3.6 | 2.0 | .8 | .7 | .4 | .1 | | | | | | 117 | 117 | | |
| 82/ 81 | | .1 | .3 | .9 | 2.5 | 4.2 | 2.6 | 1.3 | .9 | .4 | .1 | .1 | | | | | | 120 | 120 | | |
| 80/ 79 | | | .6 | 1.6 | 3.7 | 3.3 | 1.8 | 1.5 | .6 | .4 | | | | | | | | 112 | 112 | 11 | |
| 78/ 77 | | | 2.1 | 2.8 | 2.9 | .7 | 1.1 | .3 | .2 | .2 | .1 | | | | | | | 94 | 94 | 45 | 3 |
| 76/ 75 | | .2 | 2.7 | 2.1 | 1.9 | .2 | .8 | .6 | .1 | | | | | | | | | 77 | 77 | 112 | 15 |
| 74/ 73 | | .4 | 1.9 | 1.7 | .8 | .1 | .6 | .4 | .2 | | | | | | | | | 55 | 55 | 191 | 53 |
| 72/ 71 | | 1.0 | 1.6 | .7 | .1 | .4 | .3 | .1 | | | | | | | | | | 38 | 38 | 196 | 93 |
| 70/ 69 | | | .9 | .2 | | | | | | | | | | | | | | 10 | 10 | 140 | 165 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 84 | 149 |
| 66/ 65 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 52 | 121 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 27 | 95 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 18 | 51 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 15 | 27 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 36 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 27 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 21 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 14 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 8 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 11 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 1.8 | 10.1 | 10.5 | 15.2 | 16.0 | 15.0 | 13.5 | 8.2 | 5.5 | 2.5 | 1.7 | | | | | | 891 | 891 | | 891 |
| | | | | | | | | | | | | | | | | | | 891 | | 891 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3464820 | 54048 | 60.7 | 18.467 | 891 | | | | | | | |
| Dry Bulb | 5923618 | 72492 | 81.4 | 5.368 | 891 | | | 89.9 | 45.1 | 57.1 | 1.2 | 90 |
| Wet Bulb | 4525773 | 63403 | 71.2 | 3.974 | 891 | | | 78.7 | 36.3 | .5 | | 90 |
| Dew Point | 3881234 | 58566 | 65.7 | 5.964 | 891 | | | 48.3 | 7.2 | | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | JUN |

PAGE 1 — HOURS (L. S. T.): 2100-2300

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88/ 87 | | | | | | | .2 | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | .3 | .3 | .3 | | .3 | | | | | | | | | | 8 | 8 | | |
| 84/ 83 | | | | 1.2 | 1.3 | .8 | .5 | .5 | | | | | | | | | | 26 | 26 | | |
| 82/ 81 | | | | 2.5 | 4.5 | 2.9 | 1.5 | .8 | | | | | | | | | | 72 | 72 | | |
| 80/ 79 | | | 1.9 | 2.5 | 5.2 | 3.4 | .7 | .5 | .2 | | | | | | | | | 65 | 65 | 2 | |
| 78/ 77 | | | 2.5 | 6.1 | 6.1 | 1.3 | 1.0 | .5 | .2 | | | | | | | | | 105 | 105 | 42 | 1 |
| 76/ 75 | | 1.2 | 5.9 | 6.4 | 3.0 | 3.5 | .3 | .7 | | | | | | | | | | 125 | 125 | 90 | 15 |
| 74/ 73 | | 1.7 | 3.7 | 4.4 | 1.9 | 1.3 | .7 | | .2 | | | | | | | | | 82 | 82 | 100 | 32 |
| 72/ 71 | | 1.5 | 3.7 | 1.9 | .3 | .7 | .3 | .3 | | | | | | | | | | 51 | 51 | 151 | 69 |
| 70/ 69 | | .2 | 2.9 | .7 | .2 | .8 | .5 | | | | | | | | | | | 25 | 25 | 109 | 123 |
| 68/ 67 | | | .2 | 1.0 | .3 | .2 | | | | | | | | | | | | 10 | 10 | 74 | 94 |
| 66/ 65 | | | | .2 | .3 | | | | | | | | | | | | | 3 | 3 | 53 | 91 |
| 64/ 63 | | | .2 | | | | | | | | | | | | | | | 1 | 1 | 17 | 53 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 20 | 57 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 9 | 24 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 7 | 19 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 12 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 6 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 13 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| 48/ 45 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | | 4.4 | 19.9 | 26.9 | 23.6 | 15.3 | 5.7 | 3.7 | .5 | | | | | | | | | 594 | 594 | 594 | 594 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3092988 | 42348 | 71.3 | 11.161 | 594 |
| Dry Bulb | 3489015 | 45463 | 76.5 | 3.984 | 594 |
| Wet Bulb | 2912726 | 41528 | 69.9 | 3.982 | 594 |
| Dew Point | 2628814 | 39386 | 66.3 | 5.397 | 594 |

| Mean No. of Hours with Temperature | ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 89.4 | 76.4 | 22.3 | | 90 |
| Wet Bulb | | | 73.4 | 23.3 | | | 90 |
| Dew Point | | | 50.5 | 7.3 | | | 90 |

USAFETAC FORM 0-26-3 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUN — MONTH
PAGE 1
ALL — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 102/101 | | | | | | | | | | | | .0 | .0 | | | | | 2 | 2 | | |
| 100/ 99 | | | | | | | | | | | .1 | .0 | .1 | .0 | | | | 13 | 13 | | |
| 98/ 97 | | | | | | | | | | .2 | .2 | .1 | .2 | .0 | | | | 39 | 39 | | |
| 96/ 95 | | | | | | | | .0 | .2 | .5 | .4 | .5 | .2 | .1 | .0 | | | 94 | 94 | | |
| 94/ 93 | | | | | | | .0 | .2 | .6 | .9 | .7 | .5 | .1 | .2 | .0 | | | 176 | 176 | | |
| 92/ 91 | | | | | | .0 | .2 | .7 | 1.5 | 1.3 | 1.2 | .3 | .2 | .0 | | | | 294 | 290 | | |
| 90/ 89 | | | | | .0 | .2 | 1.1 | 2.2 | 1.6 | 1.7 | .6 | .4 | .2 | | | | | 416 | 416 | | |
| 88/ 87 | | | | | .0 | 1.1 | 2.0 | 1.7 | 1.9 | 1.0 | .5 | .3 | .0 | | | | | 449 | 449 | | |
| 86/ 85 | | | | .1 | .7 | 2.2 | 1.7 | 2.2 | .8 | .8 | .5 | .2 | .0 | | | | | 485 | 485 | | |
| 84/ 83 | | | | .4 | 1.9 | 1.8 | 1.9 | 1.1 | .4 | .6 | .4 | .1 | .1 | | | | | 455 | 455 | 1 | |
| 82/ 81 | | .0 | .1 | 1.2 | 2.3 | 2.4 | 1.4 | .7 | .3 | .3 | .2 | .0 | .0 | | | | | 474 | 474 | 14 | |
| 80/ 79 | | .0 | .7 | 1.7 | 2.5 | 2.1 | .6 | .6 | .3 | .3 | .1 | .0 | | | | | | 471 | 471 | 87 | 1 |
| 78/ 77 | | .1 | 1.8 | 2.6 | 2.5 | .5 | .6 | .3 | .2 | .1 | .0 | | | | | | | 463 | 463 | 190 | 14 |
| 76/ 75 | | .7 | 2.9 | 2.8 | 1.2 | .8 | .3 | .3 | .1 | .0 | .0 | | | | | | | 489 | 489 | 715 | 94 |
| 74/ 73 | | 1.3 | 2.5 | 2.2 | .6 | .5 | .3 | .1 | .1 | | | | | | | | | 399 | 400 | 1079 | 177 |
| 72/ 71 | | 1.1 | 1.9 | .7 | .3 | .4 | .2 | .1 | | | | | | | | | | 244 | 244 | 1049 | 647 |
| 70/ 69 | | .5 | 1.5 | .3 | .3 | .1 | .1 | .0 | | | | | | | | | | 162 | 162 | 710 | 904 |
| 68/ 67 | | .2 | .4 | .2 | .2 | .1 | .0 | | | | | | | | | | | 65 | 65 | 485 | 834 |
| 66/ 65 | | .2 | .1 | .2 | .2 | .0 | | | | | | | | | | | | 37 | 37 | 324 | 706 |
| 64/ 63 | | .1 | .1 | .1 | .0 | .0 | | | | | | | | | | | | 14 | 14 | 156 | 482 |
| 62/ 61 | | .1 | .1 | | .0 | | | | | | | | | | | | | 9 | 9 | 138 | 324 |
| 60/ 59 | | .0 | .0 | .0 | .0 | | | | | | | | | | | | | 7 | 7 | 72 | 208 |
| 58/ 57 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 33 | 186 |
| 56/ 55 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 8 | 132 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 4 | 123 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 107 |
| 50/ 49 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 44 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 46 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 21 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 5 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | 4.3 | 12.3 | 12.7 | 12.7 | 12.4 | 10.6 | 10.2 | 8.2 | 7.6 | 4.9 | 2.5 | 1.2 | .4 | .0 | | | 5261 | 5262 | 5261 | 5261 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≤67 F | ≤73 F | ≤80 F | ≤93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 21062135 | 321147 | 61.0 | 16.651 | 5261 | | | | | | | |
| Dry Bulb | 35340950 | 429540 | 81.6 | 7.261 | 5262 | | | 710.3 | 645.8 | 430.9 | 44.3 | 720 |
| Wet Bulb | 26825622 | 374954 | 71.3 | 4.414 | 5261 | | | 620.0 | 312.9 | 6.0 | | 720 |
| Dew Point | 23000657 | 346300 | 65.8 | 6.091 | 5261 | | | 392.9 | 66.5 | .1 | | 720 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 77-84 | JUL |

PAGE 1 — HOURS (L.S.T.): 0300-0500

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82/ 81 | | | | | .5 | | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | .9 | 1.4 | | | | | | | | | | | | | 5 | 5 | | |
| 78/ 77 | | .9 | 6.4 | 2.8 | 1.4 | | | | | | | | | | | | | 25 | 25 | | |
| 76/ 75 | .5 | 9.6 | 6.9 | 11.0 | 1.4 | | | | | | | | | | | | | 64 | 64 | 8 | 4 |
| 74/ 73 | 1.4 | 15.7 | 7.8 | 7.3 | .9 | | | | | | | | | | | | | 70 | 70 | 47 | 28 |
| 72/ 71 | 1.4 | 5.0 | 7.3 | 1.4 | .9 | | | | | | | | | | | | | 35 | 35 | 67 | 45 |
| 70/ 69 | .5 | 2.8 | 2.8 | .9 | .5 | | | | | | | | | | | | | 16 | 16 | 55 | 46 |
| 68/ 67 | | | .5 | | .5 | | | | | | | | | | | | | 2 | 2 | 28 | 41 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 6 | 32 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 6 | 10 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 5 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.7 | 33.0 | 31.7 | 24.3 | 7.3 | | | | | | | | | | | | | 218 | 218 | | 218 |
| | | | | | | | | | | | | | | | | | | 218 | | 218 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1551797 | 18289 | 83.9 | 8.968 | 218 | | | 93.0 | 70.4 | .4 | | 93 |
| Dry Bulb | 1196331 | 16141 | 74.0 | 2.381 | 218 | | | 87.5 | 23.5 | | | 93 |
| Wet Bulb | 1089154 | 15398 | 70.6 | 2.670 | 218 | | | 70.6 | 13.7 | | | 93 |
| Dew Point | 1035346 | 15004 | 68.8 | 3.518 | 218 | | | | | | | |

USAFETAC FORM 0-26-... (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUL — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | | .2 | | | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | | .2 | .1 | .1 | | | | | | | | | | 4 | 4 | | |
| 86/ 85 | | | | .4 | .8 | 1.1 | .6 | | | | | | | | | | | 27 | 27 | | |
| 84/ 83 | | | | 1.4 | 1.8 | 1.3 | | | .1 | | | | | | | | | 43 | 44 | | |
| 82/ 81 | | | 1.0 | 3.8 | 2.4 | 2.2 | .3 | | .1 | | | | | | | | | 90 | 92 | | |
| 80/ 79 | | .3 | 4.6 | 4.2 | 3.8 | 1.6 | | | | | | | | | | | | 135 | 136 | 7 | |
| 78/ 77 | | 2.5 | 6.5 | 6.7 | 3.8 | .3 | .1 | | | | | | | | | | | 184 | 184 | 43 | 6 |
| 76/ 75 | .4 | 6.4 | 8.9 | 6.0 | 1.7 | .1 | .1 | | | | | | | | | | | 214 | 219 | 172 | 72 |
| 74/ 73 | .8 | 5.3 | 6.0 | 3.3 | .2 | .2 | | | | | | | | | | | | 147 | 147 | 250 | 147 |
| 72/ 71 | .2 | 1.4 | 3.6 | .5 | .3 | | | | | | | | | | | | | 56 | 56 | 223 | 235 |
| 70/ 69 | .1 | .3 | .5 | .3 | | .1 | | | | | | | | | | | | 13 | 13 | 148 | 185 |
| 68/ 67 | | .5 | .1 | | | | | | | | | | | | | | | 6 | 6 | 61 | 146 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 14 | 84 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 7 | 32 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 4 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 2 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.5 | 16.7 | 31.2 | 26.8 | 14.8 | 7.1 | 1.3 | .3 | .2 | | | | | | | | | | 930 | | 926 |
| | | | | | | | | | | | | | | | | | | 926 | | 926 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 5917024 | 73458 | 79.3 | 9.849 | 926 |
| Dry Bulb | 5546060 | 71738 | 77.1 | 3.648 | 930 |
| Wet Bulb | 4858453 | 67023 | 72.4 | 2.827 | 926 |
| Dew Point | 4560629 | 64909 | 70.1 | 3.411 | 926 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 93.0 | 85.5 | 22.5 | | 93 |
| Wet Bulb | | | 90.8 | 47.4 | | | 93 |
| Dew Point | | | 79.4 | 22.6 | | | 93 |

USAFETAC FORM 0-26-5 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUL — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100/ 99 | | | | | | | | | | | | .3 | | | | | | 3 | 3 | | |
| 98/ 97 | | | | | | | | | | | .3 | | | | | | | 3 | 3 | | |
| 96/ 95 | | | | | | | | | .3 | .4 | .1 | .1 | | | | | | 9 | 9 | | |
| 94/ 93 | | | | | | .1 | .3 | 1.0 | 2.1 | .2 | .3 | | | | | | | 37 | 37 | | |
| 92/ 91 | | | | | | .3 | 1.8 | 2.7 | 2.0 | .7 | | | .1 | | | | | 70 | 70 | | |
| 90/ 89 | | | | | | 1.6 | 4.1 | 4.1 | .8 | .5 | | | | | | | | 103 | 104 | | |
| 88/ 87 | | | | | 1.5 | 6.5 | 4.0 | 1.6 | .9 | .2 | .1 | | | | | | | 137 | 139 | | |
| 86/ 85 | | | | 1.0 | 2.7 | 7.9 | 2.7 | 1.2 | .1 | .1 | .1 | | | | | | | 146 | 149 | | |
| 84/ 83 | | | .4 | 2.2 | 5.1 | 3.8 | 2.3 | .1 | .2 | | | | | | | | | 130 | 130 | 2 | |
| 82/ 81 | | | 1.2 | 4.3 | 3.3 | 1.5 | .9 | .2 | | | | | | | | | | 105 | 105 | 14 | |
| 80/ 79 | | .1 | 2.9 | 3.1 | 2.5 | 1.1 | | | | | | | | | | | | 90 | 90 | 102 | 4 |
| 78/ 77 | | .7 | 1.0 | 1.1 | 1.0 | .1 | | | | | | | | | | | | 35 | 35 | 232 | 39 |
| 76/ 75 | | .4 | 1.4 | 1.2 | .1 | | | | | | | | | | | | | 29 | 29 | 279 | 119 |
| 74/ 73 | | .1 | 1.0 | .5 | | | | | | | | | | | | | | 15 | 15 | 156 | 200 |
| 72/ 71 | | .2 | .4 | .2 | | | | | | | | | | | | | | 8 | 8 | 81 | 222 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 41 | 168 |
| 68/ 67 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 10 | 87 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 6 | 42 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 28 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 8 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 3 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | | 1.8 | 8.3 | 13.7 | 16.1 | 23.0 | 16.1 | 10.9 | 6.3 | 2.2 | 1.0 | .4 | .1 | | | | | 923 | 929 | | 923 |
| | | | | | | | | | | | | | | | | | | | | 923 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3989072 | 59724 | 64.7 | 11.623 | 923 |
| Dry Bulb | 6720267 | 78873 | 84.9 | 5.072 | 929 |
| Wet Bulb | 5263531 | 69651 | 75.5 | 2.863 | 923 |
| Dew Point | 4705332 | 65820 | 71.3 | 3.554 | 923 |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 93.0 | 91.9 | 80.2 | 5.2 | 93 |
| Wet Bulb | | | 92.4 | 79.1 | 5.1 | | 93 |
| Dew Point | | | 84.5 | 36.5 | .1 | | 93 |

USAFETAC FORM 0-26 JUL 64 (JL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722209 | MAXWELL AFB AL | 75-84 | JUL |

PAGE 1

HOURS (L. S. T.) 1200-1400

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104/103 | | | | | | | | | | | | | .1 | .1 | | | | 2 | 2 | | |
| 102/101 | | | | | | | | | | | | .3 | .7 | | | | | 9 | 9 | | |
| 100/ 99 | | | | | | | | | | .1 | .1 | 1.0 | .2 | | | | | 13 | 13 | | |
| 98/ 97 | | | | | | | | | | 1.6 | 1.0 | .8 | .2 | | | | | 33 | 33 | | |
| 96/ 95 | | | | | | | | .2 | 2.0 | 4.0 | 2.5 | .9 | | | | | | 88 | 88 | | |
| 94/ 93 | | | | | | | .2 | 3.4 | 4.9 | 3.7 | 1.4 | .4 | | .1 | | | | 130 | 130 | | |
| 92/ 91 | | | | | .1 | .3 | 1.7 | 3.8 | 4.8 | 1.0 | 1.3 | | .1 | | | | | 121 | 122 | | |
| 90/ 89 | | | | | .2 | 1.4 | 3.8 | 6.1 | 2.2 | 1.2 | | .1 | | | | | | 138 | 141 | | |
| 88/ 87 | | | | | .7 | 4.2 | 5.6 | 1.8 | 1.1 | .9 | | | | | | | | 132 | 133 | | |
| 86/ 85 | | | | .4 | 2.1 | 4.1 | 1.8 | .3 | .2 | | | | | | | | | 83 | 83 | | |
| 84/ 83 | | | | 1.6 | 1.6 | 1.3 | .4 | .1 | | | | | | | | | | 47 | 47 | 1 | |
| 82/ 81 | | | .2 | 2.0 | 1.2 | 1.0 | | .2 | | | | | | | | | | 42 | 42 | 18 | |
| 80/ 79 | | | .9 | .7 | 1.3 | .4 | | | | | | | | | | | | 30 | 30 | 149 | 4 |
| 78/ 77 | | | .4 | .9 | .3 | .1 | | | | | | | | | | | | 14 | 14 | 297 | 16 |
| 76/ 75 | | .3 | .7 | 1.4 | | | .1 | | | | | | | | | | | 23 | 23 | 242 | 72 |
| 74/ 73 | | | .3 | .2 | .1 | | | | | | | | | | | | | 6 | 6 | 118 | 183 |
| 72/ 71 | .1 | .1 | .1 | .2 | | | | | | | | | | | | | | 5 | 5 | 63 | 212 |
| 70/ 69 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 26 | 196 |
| 68/ 67 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 123 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 4 | 55 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 29 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 22 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 5 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .3 | .8 | 2.6 | 7.4 | 7.4 | 12.9 | 13.9 | 16.0 | 15.1 | 12.5 | 6.3 | 3.5 | 1.3 | .2 | | | | 921 | 926 | 921 | 921 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2993072 | 51190 | 55.6 | 12.679 | 921 | | | | | | | |
| Dry Bulb | 7365276 | 82407 | 89.0 | 5.852 | 926 | | | 93.0 | 92.0 | 86.1 | 27.6 | 93 |
| Wet Bulb | 5339475 | 70081 | 76.1 | 2.729 | 921 | | | 92.6 | 83.0 | 6.8 | | 93 |
| Dew Point | 4582590 | 64880 | 70.4 | 3.628 | 921 | | | 81.4 | 27.8 | .1 | | 93 |

USAFETAC FORM 0-26-5 JUL 64 (JL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUL — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 104/103 | | | | | | | | | | | | | .1 | .4 | | | | 5 | 5 | | |
| 102/101 | | | | | | | | | | | | .1 | .3 | .1 | | | | 5 | 5 | | |
| 100/ 99 | | | | | | | | | | | | 1.3 | .1 | .1 | | | | 14 | 14 | | |
| 98/ 97 | | | | | | | | | | 1.3 | 2.0 | 1.3 | .1 | | | | | 43 | 43 | | |
| 96/ 95 | | | | | | | | .1 | 1.6 | 3.3 | 4.4 | 1.5 | .1 | | | | | 101 | 101 | | |
| 94/ 93 | | | | | | | | 1.1 | 3.9 | 3.6 | 1.6 | .3 | .2 | | | | | 99 | 99 | | |
| 92/ 91 | | | | | | | .8 | 2.9 | 4.8 | 2.5 | 1.1 | .7 | | | | | | 116 | 116 | | |
| 90/ 89 | | | .1 | .1 | .2 | .4 | 2.0 | 4.7 | 2.5 | .8 | .4 | | | | | | | 103 | 103 | | |
| 88/ 87 | | | | .1 | .4 | 2.5 | 3.3 | .9 | 1.3 | .1 | | | | | | | | 79 | 82 | | |
| 86/ 85 | | | .1 | .4 | 2.1 | 3.6 | 1.4 | .5 | .8 | | | | | | | | | 82 | 82 | 1 | |
| 84/ 83 | | | .4 | .4 | 1.8 | 2.0 | .9 | .1 | .2 | | | | | | | | | 53 | 53 | 1 | 1 |
| 82/ 81 | | .1 | .1 | 1.2 | 1.3 | .5 | | .1 | | | | | | | | | | 31 | 31 | 9 | 1 |
| 80/ 79 | | .1 | 1.2 | 1.8 | 2.6 | .5 | .1 | | | | | | | | | | | 58 | 58 | 88 | 4 |
| 78/ 77 | | .7 | 1.5 | 2.1 | 1.3 | .1 | | | | | | | | | | | | 52 | 52 | 247 | 10 |
| 76/ 75 | | 1.1 | 1.5 | 1.2 | .8 | | .1 | | | | | | | | | | | 43 | 43 | 250 | 59 |
| 74/ 73 | | .7 | .8 | .9 | | | | | | | | | | | | | | 21 | 21 | 159 | 109 |
| 72/ 71 | | .5 | .1 | | | | | | | | | | | | | | | 6 | 6 | 97 | 207 |
| 70/ 69 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 48 | 198 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 10 | 166 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 69 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 2 | 47 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 19 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 13 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 9 |
| TOTAL | | 3.2 | 5.9 | 8.2 | 10.6 | 9.8 | 8.6 | 10.4 | 15.2 | 11.6 | 9.5 | 5.3 | 1.0 | .7 | | | | 912 | 915 | 912 | 912 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3137166 | 51608 | 56.6 | 15.426 | 912 | | | | | | | |
| Dry Bulb | 7111493 | 80417 | 87.9 | 6.926 | 915 | | | 93.0 | 92.3 | 78.1 | 27.0 | 93 |
| Wet Bulb | 5177974 | 68670 | 75.3 | 2.849 | 912 | | | 92.8 | 77.0 | 3.0 | | 93 |
| Dew Point | 4431257 | 63477 | 69.6 | 3.797 | 912 | | | 77.0 | 18.8 | .3 | | 93 |

USAFETAC FORM JUL 64 0-26-3 (LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | JUL |

PAGE 1 — HOURS (L. S. T.): 1800-2000

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100/ 99 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | .2 | .2 | .1 | | | | | 5 | 5 | | |
| 96/ 95 | | | | | | | | | .1 | .2 | .6 | .2 | | | | | | 10 | 10 | | |
| 94/ 93 | | | | | | | | .1 | 1.1 | .9 | .8 | | | | | | | 26 | 26 | | |
| 92/ 91 | | | | | | | .3 | .9 | 2.5 | .7 | .1 | | | | | | | 41 | 41 | | |
| 90/ 89 | | | | | | .1 | 1.5 | 3.3 | 1.9 | .9 | .3 | | | | | | | 73 | 73 | | |
| 88/ 87 | | | | .1 | .4 | 2.0 | 3.9 | 2.0 | .6 | | | | | | | | | 81 | 83 | | |
| 86/ 85 | | | | .4 | 1.5 | 3.8 | 3.5 | 1.1 | .4 | .2 | | | | | | | | 100 | 100 | | |
| 84/ 83 | | | .1 | 1.9 | 3.2 | 2.2 | 1.8 | .4 | .1 | | | | | | | | | 88 | 88 | | |
| 82/ 81 | | .1 | 1.1 | 3.0 | 4.2 | 2.5 | .8 | | .1 | | | | | | | | | 107 | 108 | 2 | |
| 80/ 79 | | .6 | 2.3 | 3.5 | 3.6 | 1.4 | .3 | | | | | | | | | | | 107 | 107 | 21 | 1 |
| 78/ 77 | | 1.7 | 3.4 | 3.4 | 2.1 | .3 | .1 | | | | | | | | | | | 100 | 100 | 132 | 10 |
| 76/ 75 | | 3.0 | 3.0 | 3.9 | .8 | .1 | | | | | | | | | | | | 97 | 97 | 256 | 61 |
| 74/ 73 | | 1.1 | 2.4 | 1.7 | .1 | | | | | | | | | | | | | 48 | 48 | 225 | 144 |
| 72/ 71 | | .8 | .8 | | | | | | | | | | | | | | | 14 | 14 | 150 | 192 |
| 70/ 69 | | .7 | .2 | | | | | | | | | | | | | | | 8 | 8 | 86 | 192 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 33 | 172 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 1 | 69 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 36 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 17 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 3 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | | 7.8 | 13.4 | 17.9 | 16.6 | 12.5 | 12.3 | 7.8 | 6.8 | 2.9 | 2.0 | .6 | .1 | | | | | 906 | 909 | 906 | 906 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4309229 | 61123 | 67.5 | 14.320 | 906 | | | | | | | |
| Dry Bulb | 6200962 | 74890 | 82.4 | 5.841 | 909 | | | 93.0 | 90.7 | 60.0 | 4.3 | 93 |
| Wet Bulb | 4953793 | 66947 | 73.9 | 2.758 | 906 | | | 92.9 | 65.3 | .7 | | 93 |
| Dew Point | 4439504 | 63344 | 69.9 | 3.445 | 906 | | | 79.8 | 22.2 | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
JUL — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | .2 | .2 | .2 | | | | | | | | | 3 | 3 | | |
| 88/ 87 | | | | | | .3 | 1.3 | .7 | | | | | | | | | | 14 | 14 | | |
| 86/ 85 | | | | .2 | .3 | 2.2 | 1.3 | .7 | | | | | | | | | | 28 | 28 | | |
| 84/ 83 | | | .8 | .8 | 2.5 | 4.5 | 1.5 | .2 | | | | | | | | | | 62 | 62 | | |
| 82/ 81 | | | .3 | 4.5 | 4.5 | 2.0 | .2 | | | | | | | | | | | 72 | 72 | | |
| 80/ 79 | | 1.0 | 3.5 | 4.8 | 4.1 | 2.2 | | .3 | | | | | | | | | | 96 | 98 | 8 | 1 |
| 78/ 77 | .2 | 2.5 | 5.0 | 7.1 | 4.0 | .5 | .2 | | | | | | | | | | | 117 | 117 | 30 | 14 |
| 76/ 75 | | 4.5 | 8.3 | 5.8 | 1.2 | | | | | | | | | | | | | 119 | 119 | 121 | 33 |
| 74/ 73 | .2 | 2.2 | 3.1 | 4.0 | .3 | | | | | | | | | | | | | 59 | 59 | 172 | 84 |
| 72/ 71 | | 1.7 | 2.3 | .2 | | | | | | | | | | | | | | 25 | 25 | 137 | 140 |
| 70/ 69 | | .8 | .7 | | | | | | | | | | | | | | | 9 | 9 | 97 | 134 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 33 | 114 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 6 | 59 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 21 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 2 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .3 | 12.6 | 24.5 | 27.3 | 18.9 | 11.6 | 4.6 | 2.0 | .2 | | | | | | | | | 606 | 606 | | 604 |
| | | | | | | | | | | | | | | | | | | 604 | | 604 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3547054 | 45826 | 75.9 | 10.789 | 604 | | | | | | | |
| Dry Bulb | 3739195 | 47541 | 78.5 | 3.979 | 606 | | | 93.0 | 87.8 | 35.9 | | 93 |
| Wet Bulb | 3199698 | 43932 | 72.7 | 2.670 | 604 | | | 92.1 | 51.0 | .5 | | 93 |
| Dew Point | 2965410 | 42276 | 70.0 | 3.250 | 604 | | | 80.1 | 20.3 | | | 93 |

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-76,78-84 | AUG |

PAGE 1 — 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | 2.3 | 4.1 | 1.4 | | | | | | | | | | | | | | 17 | 17 | | |
| 76/ 75 | | 9.1 | 7.8 | 4.6 | | | | | | | | | | | | | | 47 | 47 | 11 | 2 |
| 74/ 73 | .9 | 12.3 | 14.2 | 5.0 | .5 | | | | | | | | | | | | | 72 | 72 | 37 | 32 |
| 72/ 71 | | 8.7 | 11.4 | 4.6 | | | | | | | | | | | | | | 54 | 54 | 59 | 38 |
| 70/ 69 | .5 | 4.1 | 3.7 | .9 | | | | | | | | | | | | | | 20 | 20 | 51 | 47 |
| 68/ 67 | | 1.4 | .9 | .5 | | | | | | | | | | | | | | 6 | 6 | 38 | 47 |
| 66/ 65 | | | | .5 | .5 | | | | | | | | | | | | | 2 | 2 | 16 | 26 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 4 | 17 |
| 62/ 61 | | .5 | | | | | | | | | | | | | | | | 1 | 1 | | 6 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | 1 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.4 | 38.4 | 42.0 | 17.4 | .9 | | | | | | | | | | | | | 219 | 219 | | 219 |
| | | | | | | | | | | | | | | | | | | | | 219 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1627270 | 18812 | 85.9 | 7.208 | 219 | | | | | | | |
| Dry Bulb | 1170618 | 16002 | 73.1 | 2.512 | 219 | | | 91.7 | 57.8 | | | 93 |
| Wet Bulb | 1080467 | 15369 | 70.2 | 2.952 | 219 | | | 83.2 | 20.8 | | | 93 |
| Dew Point | 1034471 | 15031 | 68.6 | 3.598 | 219 | | | 70.5 | 14.4 | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
AUG — MONTH

PAGE 1

0600-0800 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | |
| 84/ 83 | | | .2 | .6 | 1.5 | | | | | | | | | | | | | 22 | 22 | | |
| 82/ 81 | | | 1.2 | 3.3 | 1.9 | .1 | | | | | | | | | | | | 61 | 61 | | |
| 80/ 79 | | .6 | 1.7 | 5.7 | 1.9 | .2 | | | | | | | | | | | | 95 | 95 | 3 | |
| 78/ 77 | | 1.9 | 7.9 | 7.5 | 2.2 | .2 | | | | | | | | | | | | 183 | 183 | 30 | 7 |
| 76/ 75 | .1 | 6.1 | 13.8 | 4.6 | 1.2 | .1 | | | | | | | | | | | | 241 | 241 | 114 | 37 |
| 74/ 73 | .5 | 6.1 | 10.2 | 4.4 | .2 | .1 | | | | | | | | | | | | 201 | 201 | 247 | 129 |
| 72/ 71 | .2 | 2.3 | 4.7 | 1.6 | .2 | | | | | | | | | | | | | 84 | 84 | 255 | 239 |
| 70/ 69 | .1 | 1.3 | .5 | .6 | .3 | | | | | | | | | | | | | 29 | 29 | 163 | 247 |
| 68/ 67 | | .2 | .3 | .2 | .1 | | | | | | | | | | | | | 8 | 8 | 79 | 140 |
| 66/ 65 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 24 | 69 |
| 64/ 63 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 32 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 6 | 16 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 | 5 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 5 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.0 | 18.8 | 40.8 | 28.8 | 9.7 | .9 | | | | | | | | | | | | 929 | 929 | | 929 |
| | | | | | | | | | | | | | | | | | | 929 | | 929 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6259526 | 75916 | 81.7 | 7.756 | 929 | | | | | | | |
| Dry Bulb | 5345063 | 70401 | 75.8 | 3.278 | 929 | | | 92.7 | 80.6 | 12.8 | | 93 |
| Wet Bulb | 4791500 | 66664 | 71.8 | 2.893 | 929 | | | 89.2 | 39.4 | | | 93 |
| Dew Point | 4532505 | 64817 | 69.8 | 3.311 | 929 | | | 80.0 | 17.3 | | | 93 |

USAFETAC FORM JUL 64 0-26-5 (LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
AUG — MONTH
PAGE 1
0900-1100 — HOURS (L.S.T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 98/ 97 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | .6 | .9 | .1 | .1 | | | | | | | 16 | 16 | | |
| 92/ 91 | | | | | | | .6 | 1.4 | .4 | | | | | | | | | 23 | 23 | | |
| 90/ 89 | | | | | .1 | 1.7 | 3.2 | 3.2 | .3 | .2 | .1 | | | | | | | 83 | 83 | | |
| 88/ 87 | | | | | 1.4 | 6.7 | 5.8 | 1.4 | .6 | .1 | | | | | | | | 149 | 149 | | |
| 86/ 85 | | | | 1.2 | 5.6 | 8.8 | 3.1 | .9 | .5 | .1 | | | | | | | | 188 | 188 | | |
| 84/ 83 | | | .1 | 1.8 | 7.7 | 3.4 | 1.5 | .4 | .2 | | | | | | | | | 142 | 142 | | |
| 82/ 81 | | | .8 | 4.4 | 6.3 | 2.6 | 1.1 | .1 | .1 | | | | | | | | | 143 | 143 | 4 | |
| 80/ 79 | | .2 | 1.1 | 2.8 | 2.7 | .9 | .4 | .1 | | | | | | | | | | 76 | 76 | 79 | 1 |
| 78/ 77 | | .2 | 1.3 | 2.5 | 1.2 | .3 | .3 | | | | | | | | | | | 59 | 59 | 240 | 24 |
| 76/ 75 | .1 | .2 | 1.1 | .8 | .1 | .1 | | | | | | | | | | | | 22 | 22 | 266 | 98 |
| 74/ 73 | | .3 | .5 | .9 | .1 | .1 | | | | | | | | | | | | 18 | 18 | 195 | 224 |
| 72/ 71 | | .1 | .8 | | | | | | | | | | | | | | | 8 | 8 | 76 | 262 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 47 | 148 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 19 | 88 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 4 | 35 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 24 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 13 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 9 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 3 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 1.1 | 6.1 | 14.3 | 25.3 | 24.6 | 16.1 | 8.2 | 3.2 | .8 | .2 | | | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 4119554 | 61210 | 65.8 | 9.891 | 930 |
| Dry Bulb | 6579356 | 78120 | 84.0 | 4.312 | 930 |
| Wet Bulb | 5255604 | 69864 | 75.1 | 2.792 | 930 |
| Dew Point | 4715411 | 66143 | 71.1 | 3.475 | 930 |

| | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 93.0 | 92.2 | 78.8 | 1.9 | 93 |
| Wet Bulb | | | 92.6 | 78.4 | 2.5 | | 93 |
| Dew Point | | | 84.5 | 34.7 | | | 93 |

USAFETAC FORM JUL 64 0-26-5 (JL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
AUG — MONTH

PAGE 1
1200-1400 — HOURS (L.S.T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 102/101 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 100/ 99 | | | | | | | | | | .2 | .2 | .2 | | | | | | 6 | 6 | | |
| 98/ 97 | | | | | | | | | .2 | .5 | .4 | .1 | .1 | | | | | 13 | 13 | | |
| 96/ 95 | | | | | | | | .2 | 1.8 | 1.8 | .8 | .3 | | | | | | 46 | 46 | | |
| 94/ 93 | | | | | | | .2 | 2.3 | 2.7 | 3.5 | .6 | .1 | | | | | | 88 | 88 | | |
| 92/ 91 | | | | | | .5 | 3.0 | 6.0 | 4.2 | 1.6 | .8 | .1 | | | | | | 151 | 151 | | |
| 90/ 89 | | | | | .1 | 1.8 | 6.2 | 10.4 | 1.9 | 1.2 | .4 | .1 | | | | | | 207 | 207 | | |
| 88/ 87 | | | | | .5 | 4.0 | 6.6 | 3.2 | 1.1 | 1.1 | .3 | .1 | | | | | | 157 | 157 | | |
| 86/ 85 | | | | | 1.5 | 5.2 | 3.7 | 1.4 | .5 | | | | | | | | | 114 | 114 | | |
| 84/ 83 | | | | .5 | 2.7 | 1.9 | .5 | | .3 | | | | | | | | | 56 | 56 | 1 | |
| 82/ 81 | | | .5 | .9 | 1.2 | .5 | .4 | .1 | .2 | | | | | | | | | 36 | 36 | 25 | |
| 80/ 79 | | | .2 | 1.1 | .6 | | .2 | | | | | | | | | | | 20 | 20 | 144 | 2 |
| 78/ 77 | | .1 | .2 | .9 | .8 | .1 | | | | | | | | | | | | 19 | 19 | 262 | 19 |
| 76/ 75 | | | .1 | .6 | | | | | | | | | | | | | | 7 | 7 | 258 | 82 |
| 74/ 73 | | | .4 | .2 | | | | | | | | | | | | | | 6 | 6 | 143 | 174 |
| 72/ 71 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 51 | 222 |
| 70/ 69 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 35 | 201 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 9 | 106 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 2 | 59 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 26 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 18 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 11 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 6 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 3 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .3 | 1.6 | 4.2 | 7.4 | 14.1 | 20.9 | 23.7 | 13.0 | 10.0 | 3.7 | 1.1 | .1 | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2991610 | 51900 | 55.8 | 10.126 | 930 | | | | | | | |
| Dry Bulb | 7304017 | 82309 | 88.5 | 4.560 | 930 | | | 93.0 | 92.7 | 88.8 | 15.4 | 93 |
| Wet Bulb | 5377510 | 70672 | 76.0 | 2.754 | 930 | | | 92.8 | 83.3 | 7.1 | | 93 |
| Dew Point | 4625361 | 65491 | 70.4 | 3.806 | 930 | | | 80.6 | 27.7 | | | 93 |

USAFETAC FORM 0-26-3 JUL 64 (LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
AUG — MONTH
PAGE 1
1500-1700 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 100/ 99 | | | | | | | | | | | .4 | .3 | .2 | | | | | 9 | 9 | | |
| 98/ 97 | | | | | | | | | | .5 | .4 | .4 | .1 | | | | | 14 | 14 | | |
| 96/ 95 | | | | | | | | .1 | .9 | 1.9 | .9 | .6 | | | | | | 41 | 41 | | |
| 94/ 93 | | | | | | | | 1.0 | 3.0 | 2.5 | .8 | | | | | | | 67 | 67 | | |
| 92/ 91 | | | | | | .3 | 1.8 | 4.7 | 5.5 | 3.0 | .8 | .1 | | | | | | 151 | 151 | | |
| 90/ 89 | | | | | | 1.0 | 4.6 | 8.2 | 3.3 | 2.0 | .8 | | | | | | | 185 | 185 | | |
| 88/ 87 | | | .1 | | .3 | 3.8 | 4.5 | 2.6 | 1.6 | .3 | .4 | | | | | | | 127 | 127 | | |
| 86/ 85 | | | .1 | .1 | 1.3 | 3.9 | 2.9 | 1.4 | .5 | .2 | .2 | | | | | | | 99 | 99 | | |
| 84/ 83 | | | | .6 | 1.7 | 1.9 | 1.2 | .5 | .6 | | | | | | | | | 62 | 62 | 1 | 1 |
| 82/ 81 | | | .4 | 2.2 | .6 | 1.4 | .3 | .5 | | | | | | | | | | 51 | 51 | 10 | |
| 80/ 79 | | | .9 | 2.0 | 1.4 | .1 | | | | | | | | | | | | 41 | 41 | 83 | 2 |
| 78/ 77 | | .4 | .9 | 1.2 | .6 | | | | | | | | | | | | | 29 | 29 | 221 | 10 |
| 76/ 75 | | .9 | .8 | .6 | .1 | | | | | | | | | | | | | 22 | 22 | 278 | 53 |
| 74/ 73 | .1 | 1.0 | 1.5 | .5 | .1 | | | | | | | | | | | | | 30 | 30 | 185 | 158 |
| 72/ 71 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 100 | 199 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 31 | 217 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 18 | 127 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 3 | 77 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 40 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 17 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 17 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 8 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .1 | 2.3 | 4.6 | 7.5 | 6.2 | 12.4 | 15.4 | 19.0 | 15.5 | 10.5 | 4.6 | 1.5 | .3 | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3184971 | 53047 | 57.0 | 13.090 | 930 |
| Dry Bulb | 7126235 | 81243 | 87.4 | 5.588 | 930 |
| Wet Bulb | 5268268 | 69948 | 75.2 | 2.799 | 930 |
| Dew Point | 4532504 | 64826 | 69.7 | 3.852 | 930 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 93.0 | 92.8 | 83.0 | 13.1 | 93 |
| Wet Bulb | | | 92.7 | 77.8 | 3.7 | | 93 |
| Dew Point | | | 76.7 | 22.4 | .2 | | 93 |

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
AUG — MONTH
PAGE 1
1800-2000 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | | | .1 | .1 | | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | | .2 | .2 | | | | | | | | 4 | 4 | | |
| 92/ 91 | | | | | | | .1 | .3 | .4 | .2 | | | | | | | | 10 | 10 | | |
| 90/ 89 | | | | | | .3 | 1.3 | 1.3 | .6 | .2 | .1 | | | | | | | 36 | 36 | | |
| 88/ 87 | | | | | .2 | 3.2 | 3.0 | 1.2 | .9 | | | | | | | | | 79 | 79 | | |
| 86/ 85 | | | | .6 | 2.4 | 5.2 | 3.2 | 1.1 | .2 | .1 | | | | | | | | 114 | 114 | | |
| 84/ 83 | | | .1 | 3.1 | 4.2 | 3.6 | 2.6 | .8 | .1 | .1 | | | | | | | | 135 | 135 | | |
| 82/ 81 | | .1 | .9 | 5.2 | 5.8 | 3.4 | .6 | .5 | | | | | | | | | | 154 | 154 | | |
| 80/ 79 | | .1 | 2.9 | 4.1 | 4.5 | 1.7 | .8 | .2 | | | | | | | | | | 133 | 133 | 83 | |
| 78/ 77 | | .5 | 3.0 | 3.3 | 3.0 | .2 | .3 | | | | | | | | | | | 109 | 109 | 131 | 11 |
| 76/ 75 | .1 | 1.2 | 3.8 | 2.6 | .8 | .4 | | | | | | | | | | | | 82 | 82 | 237 | 19 |
| 74/ 73 | .4 | 2.5 | 2.3 | .2 | .3 | | | | | | | | | | | | | 53 | 53 | 248 | 163 |
| 72/ 71 | | .3 | .4 | .5 | | | | | | | | | | | | | | 12 | 12 | 174 | 225 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 82 | 190 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 23 | 148 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 13 | 42 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 25 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 28 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 7 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 2 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 4.7 | 14.1 | 19.7 | 21.8 | 18.1 | 12.0 | 5.4 | 2.5 | 1.0 | .2 | | | | | | | | 929 | | 928 |
| | | | | | | | | | | | | | | | | | | 928 | | 928 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 4595420 | 64386 | 69.4 | 11.761 | 928 |
| Dry Bulb | 6180848 | 75658 | 81.4 | 4.553 | 929 |
| Wet Bulb | 5055321 | 68445 | 73.8 | 2.774 | 928 |
| Dew Point | 4573634 | 65066 | 70.1 | 3.535 | 928 |

| Mean No. of Hours with Temperature | ≥0 F | ≥32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | 93.0 | 91.8 | 60.7 | .6 | 93 |
| Dry Bulb | | | 91.7 | 83.7 | .8 | | 93 |
| Wet Bulb | | | 80.8 | 24.4 | | | 93 |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-1 (LA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATN WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
AUG — MONTH
PAGE 1
2100-2300 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | .2 | | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | .6 | .6 | .2 | | | | | | | | | | | 9 | 9 | | |
| 84/ 83 | | | .2 | 1.1 | 1.9 | .5 | .2 | .2 | | | | | | | | | | 25 | 25 | | |
| 82/ 81 | | | 1.6 | 3.9 | 3.7 | 1.8 | .2 | .2 | | | | | | | | | | 70 | 70 | | |
| 80/ 79 | | | 6.8 | 8.5 | 4.5 | 1.3 | | | | | | | | | | | | 131 | 131 | 1 | |
| 78/ 77 | | 2.7 | 8.7 | 8.2 | 5.8 | .3 | .2 | | | | | | | | | | | 161 | 161 | 24 | 1 |
| 76/ 75 | | 3.1 | 7.9 | 7.3 | 1.8 | .6 | | | | | | | | | | | | 128 | 128 | 136 | 35 |
| 74/ 73 | .3 | 3.7 | 4.7 | 2.3 | .5 | .3 | | | | | | | | | | | | 73 | 73 | 140 | 127 |
| 72/ 71 | | 1.0 | 1.1 | 1.3 | | | | | | | | | | | | | | 21 | 21 | 165 | 144 |
| 70/ 69 | | | | .2 | | | | | | | | | | | | | | 1 | 1 | 95 | 124 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 21 | 110 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 16 | 47 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 9 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 7 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 10.5 | 31.0 | 32.7 | 18.9 | 5.6 | .6 | .3 | | | | | | | | | | 620 | 620 | | 620 |
| | | | | | | | | | | | | | | | | | | 620 | | 620 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3802031 | 48261 | 77.8 | 8.562 | 620 | | | | | | | |
| Dry Bulb | 3740595 | 48121 | 77.6 | 3.036 | 621 | | | 93.0 | 89.7 | 26.6 | | 93 |
| Wet Bulb | 3265512 | 44966 | 72.5 | 2.641 | 620 | | | 90.3 | 48.2 | | | 93 |
| Dew Point | 3051849 | 43451 | 70.1 | 3.291 | 620 | | | 81.3 | 24.5 | | | 93 |

USAFETAC FORM 0-26-5 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76,78-84 — YEARS
SEP — MONTH
PAGE 1
0300-0500 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | .9 | .9 | | .5 | | | | | | | | | | | | | 2 | 5 | | |
| 76/ 75 | | .5 | 3.8 | 1.9 | | | | | | | | | | | | | | 13 | 13 | 2 | |
| 74/ 73 | | 2.8 | 5.7 | 2.4 | .9 | | | | | | | | | | | | | 25 | 25 | 8 | 5 |
| 72/ 71 | .5 | 6.1 | 13.2 | 4.2 | | .5 | | | | | | | | | | | | 52 | 52 | 18 | 12 |
| 70/ 69 | | 1.9 | 10.8 | 1.4 | | .5 | | | | | | | | | | | | 31 | 31 | 31 | 20 |
| 68/ 67 | | .9 | 5.7 | 3.3 | .5 | | | | | | | | | | | | | 22 | 22 | 36 | 26 |
| 66/ 65 | | 1.9 | 2.4 | 2.4 | | | .5 | | | | | | | | | | | 15 | 15 | 31 | 27 |
| 64/ 63 | | .9 | 2.8 | 1.4 | .5 | | | | | | | | | | | | | 12 | 12 | 19 | 28 |
| 62/ 61 | | 1.9 | 2.4 | 1.4 | 1.4 | | | | | | | | | | | | | 15 | 15 | 13 | 23 |
| 60/ 59 | | .5 | 1.4 | .9 | .5 | | | | | | | | | | | | | 7 | 7 | 20 | 13 |
| 58/ 57 | | .9 | .9 | | | | | | | | | | | | | | | 4 | 4 | 8 | 11 |
| 56/ 55 | | .5 | | | | | .5 | | | | | | | | | | | 2 | 2 | 10 | 14 |
| 54/ 53 | | | .9 | | | | .9 | | | | | | | | | | | 4 | 4 | 5 | 10 |
| 52/ 51 | | | .5 | .9 | | | | | | | | | | | | | | 3 | 3 | 1 | 5 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 2 | 3 |
| 48/ 47 | | | | .5 | | .5 | | | | | | | | | | | | 2 | 2 | 3 | 3 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | |
| 38/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 19.8 | 51.4 | 20.8 | 4.2 | 1.4 | 1.9 | | | | | | | | | | | 212 | 212 | 212 | 212 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1366349 | 16885 | 79.6 | 10.100 | 212 | | | | | | | |
| Dry Bulb | 992203 | 14450 | 68.2 | 5.878 | 212 | | | 62.8 | 18.3 | | | 90 |
| Wet Bulb | 884027 | 13617 | 64.2 | 6.672 | 212 | | | 40.3 | 4.2 | | | 90 |
| Dew Point | 817543 | 13045 | 61.5 | 8.388 | 212 | | 1.7 | 26.7 | 2.1 | | | 90 |

USAFETAC FORM 0-26-5 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722266 | MAXWELL AFB AL | 75-84 | SEP |

PAGE 1 — 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | .2 | .3 | | | | | | | | | | | | 5 | 5 | | |
| 80/ 79 | | .1 | .6 | 1.3 | 1.4 | .4 | | | | | | | | | | | | 35 | 35 | | |
| 78/ 77 | | .7 | .9 | 2.7 | 1.9 | .3 | | | | | | | | | | | | 59 | 59 | 1 | |
| 76/ 75 | | 1.0 | 4.4 | 5.2 | 1.9 | .6 | | | | | | | | | | | | 122 | 122 | 15 | 6 |
| 74/ 73 | .1 | 3.3 | 5.9 | 5.7 | .8 | .1 | .1 | | | | | | | | | | | 144 | 144 | 72 | 18 |
| 72/ 71 | .1 | 3.8 | 7.6 | 3.1 | 1.2 | | .3 | | | | | | | | | | | 145 | 145 | 120 | 72 |
| 70/ 69 | .1 | 1.3 | 6.2 | 1.4 | 1.9 | .9 | .2 | | | | | | | | | | | 109 | 109 | 182 | 121 |
| 68/ 67 | | .6 | 2.8 | 2.9 | .7 | .6 | .2 | | | | | | | | | | | 69 | 69 | 155 | 114 |
| 66/ 65 | | 1.4 | 2.2 | 1.6 | .7 | .4 | .3 | | | | | | | | | | | 63 | 63 | 88 | 120 |
| 64/ 63 | | .6 | 1.6 | 1.3 | .4 | .3 | .1 | .1 | | | | | | | | | | 40 | 40 | 63 | 104 |
| 62/ 61 | | .8 | 1.7 | .7 | .3 | .2 | | .1 | | | | | | | | | | 34 | 34 | 73 | 61 |
| 60/ 59 | | .7 | 1.1 | .4 | .4 | | | .1 | | | | | | | | | | 25 | 25 | 57 | 50 |
| 58/ 57 | | .3 | .8 | | .2 | .1 | .1 | .1 | | | | | | | | | | 15 | 15 | 41 | 61 |
| 56/ 55 | | .1 | .4 | .2 | .1 | | .3 | | | | | | | | | | | 11 | 11 | 21 | 49 |
| 54/ 53 | | .1 | .6 | | | | .2 | | | | | | | | | | | 8 | 8 | 22 | 26 |
| 52/ 51 | | .1 | .6 | .1 | .1 | | .1 | | | | | | | | | | | 9 | 9 | 9 | 22 |
| 50/ 49 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 11 | 19 |
| 48/ 47 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 9 | 14 |
| 46/ 45 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 4 | 14 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 4 | 7 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 4 | 6 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 4 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 4 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 14.9 | 38.2 | 27.0 | 12.3 | 4.7 | 2.1 | .4 | | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 5468332 | 69448 | 77.2 | 11.032 | 900 |
| Dry Bulb | 4468621 | 63171 | 70.2 | 6.208 | 900 |
| Wet Bulb | 3903748 | 58978 | 65.5 | 6.574 | 900 |
| Dew Point | 3577852 | 56270 | 62.5 | 8.151 | 900 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 68.9 | 36.5 | 2.0 | | 90 |
| Wet Bulb | | | 49.3 | 8.8 | | | 90 |
| Dew Point | | 1.2 | 33.1 | 2.4 | | | 90 |

USAFETAC FORM 0-26-5 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
SEP — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | | | | .1 | .1 | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | | | .1 | .2 | .1 | | | | | | 4 | 4 | | |
| 92/ 91 | | | | | | .1 | .1 | | .7 | .6 | .2 | | | | | | | 15 | 15 | | |
| 90/ 89 | | | | | | | .4 | 1.6 | 1.0 | .4 | .3 | | | | | | | 34 | 34 | | |
| 88/ 87 | | | | | | 1.3 | 2.4 | 2.0 | .7 | .1 | | .1 | | | | | | 60 | 60 | | |
| 86/ 85 | | | | .3 | 1.0 | 2.7 | 2.9 | 2.3 | .1 | .3 | | | | | | | | 87 | 87 | | |
| 84/ 83 | | | | .6 | 3.1 | 3.9 | 2.0 | .7 | .1 | .3 | | | | | | | | 96 | 96 | | |
| 82/ 81 | | | .4 | 1.9 | 3.6 | 3.2 | 1.7 | 1.1 | .6 | .1 | .2 | | | | | | | 115 | 115 | 1 | |
| 80/ 79 | | | .4 | 2.1 | 3.8 | 2.6 | 1.6 | 1.0 | .7 | .1 | | | | | | | | 110 | 110 | 6 | |
| 78/ 77 | | .1 | 1.1 | 3.1 | 2.4 | .8 | 1.3 | .8 | .6 | .1 | | | | | | | | 93 | 93 | 47 | 2 |
| 76/ 75 | | .6 | 1.2 | 1.1 | 1.6 | 1.6 | 1.4 | 1.1 | .6 | | | | | | | | | 82 | 82 | 135 | 21 |
| 74/ 73 | | .3 | .4 | 1.6 | .3 | 1.8 | .7 | .3 | .1 | .1 | | | | | | | | 51 | 51 | 188 | 84 |
| 72/ 71 | | .4 | .9 | .6 | 1.1 | 1.2 | .4 | .3 | .3 | .1 | | | | | | | | 49 | 49 | 134 | 110 |
| 70/ 69 | | .1 | .9 | .6 | 1.1 | .6 | .3 | .4 | .3 | | | | | | | | | 39 | 39 | 83 | 135 |
| 68/ 67 | | .1 | .6 | .3 | .1 | .1 | .1 | .4 | .1 | | | | | | | | | 17 | 17 | 54 | 135 |
| 66/ 65 | | .1 | .9 | .3 | .1 | .2 | .3 | .1 | .1 | | | | | | | | | 20 | 20 | 70 | 98 |
| 64/ 63 | | | .3 | .2 | .3 | | .1 | .2 | | | | | | | | | | 11 | 11 | 60 | 58 |
| 62/ 61 | | | .1 | .2 | | | .1 | .1 | | | | | | | | | | 5 | 5 | 49 | 38 |
| 60/ 59 | | | | .1 | .2 | | | | | | | | | | | | | 3 | 3 | 21 | 48 |
| 58/ 57 | | | .2 | .3 | | | | | | | | | | | | | | 5 | 5 | 10 | 58 |
| 56/ 55 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 16 | 39 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 13 | 23 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 9 | 15 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 3 | 18 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 9 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 5 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 5 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|
| | | | | | | |

USAFETAC FORM JUL 64 0-26-5 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
SEP — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | | 1.8 | 7.7 | 13.4 | 18.8 | 20.0 | 16.0 | 12.6 | 5.9 | 2.4 | 1.1 | .3 | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3571480 | 55450 | 61.6 | 13.137 | 900 | | | | | | | |
| Dry Bulb | 5678230 | 71224 | 79.1 | 3.812 | 900 | | | 85.4 | 74.9 | 47.2 | .6 | 90 |
| Wet Bulb | 4397241 | 62671 | 69.6 | 6.075 | 900 | | | 64.8 | 37.7 | .2 | | 90 |
| Dew Point | 3774997 | 57847 | 64.3 | 7.957 | 900 | | .1 | 45.7 | 7.7 | | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | SEP |

PAGE 1 — HOURS (L. S. T.): 1200-1400

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 102/101 | | | | | | | | | | | | | | .2 | | | | 2 | 2 | | |
| 100/ 99 | | | | | | | | | | | | | .2 | .3 | | | | 5 | 5 | | |
| 98/ 97 | | | | | | | | | | | | .4 | .7 | .1 | | | | 11 | 11 | | |
| 96/ 95 | | | | | | | | | | | .2 | .7 | .3 | | | | | 16 | 16 | | |
| 94/ 93 | | | | | | | | | .4 | 1.8 | 2.4 | .4 | | .3 | | | | 49 | 49 | | |
| 92/ 91 | | | | | .1 | | .1 | .9 | 2.8 | 3.1 | 1.1 | .3 | .1 | .2 | | | | 79 | 79 | | |
| 90/ 89 | | | | | | | 1.0 | 5.0 | 1.8 | 2.3 | 1.0 | .4 | | .1 | .1 | | | 106 | 106 | | |
| 88/ 87 | | | | | | 1.1 | 4.4 | 3.4 | 3.3 | .6 | .4 | .6 | .1 | | | | | 126 | 126 | | |
| 86/ 85 | | | | .2 | .9 | 2.9 | 1.8 | 2.1 | 1.2 | .4 | .4 | .2 | .1 | | | | | 93 | 93 | | |
| 84/ 83 | | | | .1 | 1.7 | 1.8 | 1.8 | 1.4 | 1.3 | 1.7 | .4 | | | | | | | 92 | 92 | 1 | |
| 82/ 81 | | | | .7 | 1.7 | 1.7 | .4 | 1.6 | 1.4 | .4 | .8 | | | | | | | 78 | 78 | | 1 |
| 80/ 79 | | .1 | | .2 | .4 | .8 | .7 | .7 | 1.4 | .8 | .1 | | | | | | | 47 | 47 | 7 | |
| 78/ 77 | | | .2 | .8 | .4 | .4 | .4 | .2 | 1.1 | .4 | | | | | | | | 37 | 37 | 73 | 1 |
| 76/ 75 | | .6 | .6 | 1.0 | .7 | 1.7 | .4 | .4 | .3 | .8 | .1 | | | | | | | 59 | 59 | 191 | 9 |
| 74/ 73 | | .3 | .4 | .6 | .3 | .8 | | .2 | .9 | .4 | | | | | | | | 33 | 33 | 178 | 34 |
| 72/ 71 | | .1 | .7 | .2 | .3 | .1 | .2 | .3 | .4 | .1 | | | | | | | | 23 | 23 | 112 | 96 |
| 70/ 69 | | .1 | .7 | .1 | .1 | | .1 | | .1 | | | | | | | | | 11 | 11 | 65 | 129 |
| 68/ 67 | | .1 | .7 | | | | | | .2 | | | | | | | | | 9 | 9 | 70 | 129 |
| 66/ 65 | | .1 | .7 | | | | | | | | | | | | | | | 7 | 7 | 68 | 102 |
| 64/ 63 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 49 | 83 |
| 62/ 61 | | | .4 | .2 | .2 | | | | | | | | | | | | | 8 | 8 | 29 | 55 |
| 60/ 59 | | | .1 | .4 | .1 | | | | | | | | | | | | | 6 | 6 | 15 | 54 |
| 58/ 57 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 22 | 40 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 10 | 41 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 8 | 23 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 20 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 23 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 8 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 13 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 7 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 |

WET BULB TEMPERATURE DEPRESSION (F)

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26 JUL 64 (PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | SEP |

PAGE 2

HOURS (L. S. T.): 1200-1400

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | | 1.4 | 4.7 | 4.7 | 7.0 | 10.9 | 21.4 | 16.3 | 16.9 | 12.9 | 7.7 | 3.1 | 1.6 | 1.3 | .1 | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≥32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2597875 | 46575 | 51.8 | 14.446 | 900 | | | | | | | |
| Dry Bulb | 6400917 | 75597 | 84.0 | 7.533 | 900 | | | 87.6 | 83.3 | 67.7 | 11.3 | 90 |
| Wet Bulb | 4527641 | 63633 | 70.7 | 5.638 | 900 | | | 69.7 | 45.0 | .2 | | 90 |
| Dew Point | 3674512 | 57082 | 63.4 | 7.759 | 900 | | | 39.9 | 4.5 | .1 | | 90 |

USAFETAC FORM 0-26-5 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
SEP — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100/ 99 | | | | | | | | | | | | | | .4 | .1 | | | 5 | 5 | | |
| 98/ 97 | | | | | | | | | | | | | .8 | .3 | | | | 10 | 10 | | |
| 96/ 95 | | | | | | | | | | | .3 | .4 | .7 | .2 | | | | 15 | 15 | | |
| 94/ 93 | | | | | | | | | .1 | 1.1 | 2.1 | 1.0 | .3 | .2 | | | | 44 | 45 | | |
| 92/ 91 | | | | | | | | .4 | 1.8 | 2.9 | 1.6 | .4 | .1 | | .2 | | | 67 | 67 | | |
| 90/ 89 | | | | | | | .3 | 3.8 | 2.6 | 2.4 | .8 | 1.1 | | .1 | | | | 100 | 100 | | |
| 88/ 87 | | | | | | .8 | 2.6 | 2.6 | 2.8 | 1.0 | .7 | .8 | .1 | | | | | 101 | 101 | | |
| 86/ 85 | | | | .1 | .7 | 1.4 | 1.6 | 3.0 | 1.4 | 1.4 | .1 | .2 | | | | | | 90 | 90 | | |
| 84/ 83 | | | | .6 | .9 | 1.0 | 2.1 | 1.9 | 1.3 | 1.1 | .4 | .1 | | | | | | 85 | 85 | | |
| 82/ 81 | | .1 | .2 | .6 | 1.1 | 1.9 | .6 | 1.2 | .0 | 1.1 | .8 | | | | | | | 75 | 75 | | |
| 80/ 79 | | .1 | .3 | 1.7 | 1.3 | .8 | .8 | .9 | .8 | .6 | .2 | | | | | | | 67 | 67 | 3 | |
| 78/ 77 | | | 1.0 | 1.4 | 1.3 | .3 | .6 | .8 | .9 | .9 | .1 | | | | | | | 66 | 66 | 48 | 2 |
| 76/ 75 | | .3 | .8 | 1.7 | .8 | 1.2 | .4 | .4 | .2 | .7 | .1 | | | | | | | 60 | 60 | 126 | 11 |
| 74/ 73 | | | .4 | 1.0 | .6 | .4 | .2 | .2 | .9 | .3 | | | | | | | | 38 | 38 | 213 | 36 |
| 72/ 71 | | | 1.3 | .2 | .4 | .1 | .4 | .1 | .1 | | | | | | | | | 25 | 25 | 134 | 65 |
| 70/ 69 | | .1 | 1.6 | .3 | .2 | | .1 | | .2 | | | | | | | | | 23 | 23 | 91 | 96 |
| 68/ 67 | | | | | | .1 | .1 | .1 | | | | | | | | | | 3 | 3 | 77 | 132 |
| 66/ 65 | | | .3 | .1 | | .1 | | | | | | | | | | | | 5 | 5 | 68 | 112 |
| 64/ 63 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 45 | 99 |
| 62/ 61 | | | .4 | | .1 | .1 | | | | | | | | | | | | 6 | 6 | 37 | 64 |
| 60/ 59 | | .1 | .4 | .3 | | | | | | | | | | | | | | 8 | 8 | 13 | 63 |
| 58/ 57 | | | | .4 | | | | | | | | | | | | | | 4 | 4 | 25 | 46 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 9 | 39 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 6 | 26 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 4 | 33 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 21 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 18 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 10 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 14 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 8 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .8 | 7.1 | 8.5 | 7.5 | 8.5 | 9.9 | 15.5 | 13.9 | 13.6 | 7.2 | 4.1 | 2.0 | 1.3 | .3 | | | 899 | 900 | 899 | 899 |

WET BULB TEMPERATURE DEPRESSION (F)

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2707796 | 47232 | 52.5 | 15.875 | 899 | | | | | | | |
| Dry Bulb | 6274624 | 74832 | 83.1 | 7.649 | 900 | | | 87.5 | 82.4 | 62.9 | 7.5 | 90 |
| Wet Bulb | 4446597 | 63039 | 70.1 | 5.404 | 899 | | | 69.3 | 39.0 | | | 90 |
| Dew Point | 3601685 | 56491 | 62.8 | 7.604 | 899 | | | 34.2 | 4.9 | | | 90 |

USAFETAC FORM 0-26-5 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | SEP |

PAGE 1

1800-2000
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | | | .1 | .6 | .4 | .1 | | | | | | 11 | 11 | | |
| 88/ 87 | | | | | | | .2 | .6 | 1.0 | .4 | | | | | | | | 20 | 20 | | |
| 86/ 85 | | | | | .3 | 1.0 | 1.2 | 1.8 | .8 | .1 | | | | | | | | 47 | 47 | | |
| 84/ 83 | | | .1 | .6 | .8 | 2.0 | 2.6 | 1.2 | .3 | | .2 | .1 | | | | | | 71 | 71 | | |
| 82/ 81 | | | .1 | 1.7 | 2.0 | 2.9 | 2.1 | 1.1 | .4 | .1 | | | | | | | | 94 | 94 | | |
| 80/ 79 | | .1 | 1.6 | 2.4 | 2.7 | 3.7 | .6 | .4 | .6 | .1 | | | | | | | | 109 | 109 | 1 | |
| 78/ 77 | | .4 | 2.6 | 2.8 | 4.1 | 1.7 | .8 | .9 | .3 | .1 | | | | | | | | 123 | 123 | 17 | 2 |
| 76/ 75 | | 1.0 | 2.9 | 2.3 | 3.0 | 1.8 | 1.0 | .4 | .1 | | | | | | | | | 113 | 113 | 54 | 10 |
| 74/ 73 | .1 | .8 | 1.8 | 3.3 | 1.2 | 1.6 | .7 | .1 | .3 | | | | | | | | | 89 | 89 | 145 | 44 |
| 72/ 71 | | .7 | 3.0 | 1.8 | 1.6 | .9 | .7 | .6 | | | | | | | | | | 82 | 82 | 159 | 87 |
| 70/ 69 | | .2 | .7 | 1.8 | .9 | .8 | .2 | .2 | .4 | | | | | | | | | 47 | 47 | 143 | 95 |
| 68/ 67 | | .9 | .6 | .9 | .2 | .7 | .3 | .2 | .1 | | | | | | | | | 35 | 35 | 109 | 110 |
| 66/ 65 | | .1 | .7 | .2 | .4 | | .1 | .2 | | | | | | | | | | 16 | 16 | 72 | 142 |
| 64/ 63 | | | .3 | .4 | .2 | .2 | .2 | .1 | | | | | | | | | | 14 | 14 | 72 | 99 |
| 62/ 61 | | | .2 | | .1 | | | .2 | | | | | | | | | | 5 | 5 | 34 | 67 |
| 60/ 59 | | | .2 | .1 | .2 | | .1 | .1 | | | | | | | | | | 7 | 7 | 28 | 55 |
| 58/ 57 | | | .7 | .3 | .2 | | .1 | | | | | | | | | | | 12 | 12 | 20 | 45 |
| 56/ 55 | | | .2 | .2 | | | | | | | | | | | | | | 4 | 4 | 9 | 34 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 15 | 23 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 12 | 29 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 6 | 7 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 3 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .1 | 4.2 | 15.6 | 18.9 | 18.0 | 17.1 | 10.9 | 8.2 | 4.6 | 1.4 | .7 | .2 | | | | | | 899 | 899 | | 899 |
| | | | | | | | | | | | | | | | | | | | | 899 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 4053557 | 59039 | 65.7 | 14.014 | 899 |
| Dry Bulb | 5280079 | 68657 | 76.4 | 6.394 | 899 |
| Wet Bulb | 4216252 | 61362 | 68.3 | 5.774 | 899 |
| Dew Point | 3672414 | 57052 | 63.5 | 7.595 | 899 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 84.2 | 67.8 | 29.3 | | 90 |
| Wet Bulb | | | 62.9 | 21.7 | | | 90 |
| Dew Point | | .2 | 34.8 | 5.6 | | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | SEP |

PAGE 1 — HOURS (L. S. T.): 2100-2300

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | | .2 | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | .5 | 1.2 | 1.3 | .5 | | | | | | | | | | | 21 | 21 | | |
| 80/ 79 | | | 1.2 | 1.7 | 2.0 | 2.2 | 1.0 | | | | | | | | | | | 48 | 48 | | |
| 78/ 77 | | .7 | 2.3 | 3.3 | 7.5 | 1.8 | .3 | | | | | | | | | | | 96 | 96 | 1 | |
| 76/ 75 | .2 | 1.5 | 5.2 | 4.7 | 4.3 | 1.2 | | .2 | | | | | | | | | | 103 | 103 | 22 | 7 |
| 74/ 73 | .3 | 1.8 | 3.3 | 4.5 | 1.7 | 1.3 | .3 | .2 | | | | | | | | | | 81 | 81 | 63 | 23 |
| 72/ 71 | | 1.0 | 5.0 | 3.8 | 2.2 | .5 | .2 | | | | | | | | | | | 76 | 76 | 92 | 48 |
| 70/ 69 | | .5 | 3.7 | 1.8 | 2.0 | .7 | .2 | .2 | | | | | | | | | | 54 | 54 | 104 | 62 |
| 68/ 67 | | .8 | 1.7 | 2.2 | .8 | .5 | .5 | | | | | | | | | | | 39 | 39 | 90 | 89 |
| 66/ 65 | | .5 | .8 | 1.0 | 1.0 | .2 | | | | | | | | | | | | 21 | 21 | 66 | 86 |
| 64/ 63 | | .2 | 1.7 | 1.3 | .3 | .2 | | .2 | | | | | | | | | | 23 | 23 | 44 | 68 |
| 62/ 61 | | | .2 | .5 | .5 | | | .5 | | | | | | | | | | 10 | 10 | 37 | 58 |
| 60/ 59 | | | .7 | .2 | .2 | | .2 | | | | | | | | | | | 7 | 7 | 22 | 36 |
| 58/ 57 | | | .2 | 1.2 | .2 | | .2 | .2 | | | | | | | | | | 11 | 11 | 22 | 31 |
| 56/ 55 | | | .3 | .7 | | | .2 | | | | | | | | | | | 7 | 7 | 7 | 24 |
| 54/ 53 | | | .2 | | | | | | | | | | | | | | | 1 | 1 | 9 | 12 |
| 52/ 51 | | | .2 | | | | | | | | | | | | | | | 1 | 1 | 6 | 14 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 8 | 10 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 4 | 6 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 12 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .5 | 7.0 | 26.5 | 27.3 | 23.8 | 9.8 | 3.7 | 1.3 | | | | | | | | | | | 600 | | 600 |
| | | | | | | | | | | | | | | | | | | 600 | | 600 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3262327 | 43729 | 72.9 | 11.211 | 600 |
| Dry Bulb | 3188478 | 43604 | 72.7 | 5.725 | 600 |
| Wet Bulb | 2702082 | 40106 | 66.8 | 5.958 | 600 |
| Dew Point | 2434360 | 37948 | 63.2 | 7.564 | 600 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 77.9 | 52.5 | 6.2 | | 90 |
| Wet Bulb | | | 55.8 | 12.9 | | | 90 |
| Dew Point | | .8 | 34.4 | 4.5 | | | 90 |

USAFETAC FORM 0-26-5 JUL 64 (LA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-84 — YEARS
OCT — MONTH

PAGE 1

0300-0500 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | | .5 | | | | | | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | 2.6 | 1.0 | | | | .5 | | | | | | | | | | | 8 | 8 | 1 | |
| 72/ 71 | .5 | 2.6 | 1.5 | | | .5 | | | | | | | | | | | | 10 | 10 | 8 | 5 |
| 70/ 69 | | 2.1 | 3.1 | .5 | 1.0 | | | | | | | | | | | | | 13 | 13 | 6 | 7 |
| 68/ 67 | .5 | 2.1 | 1.0 | 1.0 | | | | | | | | | | | | | | 9 | 9 | 13 | 8 |
| 66/ 65 | | 2.6 | 3.6 | | .5 | | | | | | | | | | | | | 13 | 13 | 4 | 8 |
| 64/ 63 | | 2.1 | 4.1 | | | | | | | | | | | | | | | 12 | 12 | 12 | 5 |
| 62/ 61 | | 2.6 | 6.2 | .5 | | | | | | | | | | | | | | 18 | 18 | 16 | 10 |
| 60/ 59 | | 2.6 | 4.6 | 1.5 | | .5 | | | | | | | | | | | | 18 | 18 | 18 | 11 |
| 58/ 57 | | 1.5 | 2.6 | 1.0 | | | | | | | | | | | | | | 10 | 10 | 15 | 19 |
| 56/ 55 | | 2.1 | 3.6 | 1.0 | .5 | | | | | | | | | | | | | 14 | 14 | 13 | 19 |
| 54/ 53 | | 2.1 | 2.6 | .5 | | | | | | | | | | | | | | 10 | 10 | 13 | 9 |
| 52/ 51 | | 1.0 | 4.1 | 1.5 | | | | | | | | | | | | | | 13 | 13 | 9 | 15 |
| 50/ 49 | | 1.0 | 2.6 | .5 | | | | | | | | | | | | | | 8 | 8 | 10 | 7 |
| 48/ 47 | | 2.6 | 2.1 | 2.1 | | | | | | | | | | | | | | 13 | 13 | 12 | 8 |
| 46/ 45 | | 2.1 | 4.1 | 1.5 | | | | | | | | | | | | | | 15 | 15 | 14 | 11 |
| 44/ 43 | | | 1.0 | .5 | | | | | | | | | | | | | | 3 | 3 | 6 | 11 |
| 42/ 41 | | 1.5 | .5 | | | | | | | | | | | | | | | 4 | 4 | 12 | 9 |
| 40/ 39 | | .5 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 8 |
| 38/ 37 | | .5 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 11 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.0 | 34.0 | 49.0 | 12.4 | 2.1 | 1.0 | .5 | | | | | | | | | | | | 194 | | 194 |
| | | | | | | | | | | | | | | | | | | 194 | | 194 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1281448 | 15672 | 80.8 | 8.935 | 194 | | | | | | | |
| Dry Bulb | 673432 | 11296 | 58.2 | 9.020 | 194 | | | 19.7 | 4.3 | | | 93 |
| Wet Bulb | 603817 | 10675 | 55.0 | 9.223 | 194 | | | 13.4 | .5 | | | 93 |
| Dew Point | 551316 | 10148 | 52.3 | 10.302 | 194 | | 1.0 | 9.6 | | | | 93 |

USAFETAC FORM 0-26-5 (JUL 64) (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | OCT |

PAGE 1 — HOURS (L. S. T.): 0600-0800

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82/ 81 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 1 | 1 |
| 78/ 77 | | .4 | .2 | | | | | | | | | | | | | | | 6 | 6 | 1 | 1 |
| 76/ 75 | | .4 | .5 | .2 | .1 | | | | | | | | | | | | | 12 | 12 | 4 | 4 |
| 74/ 73 | | 1.7 | 1.4 | .5 | | .1 | | | | | | | | | | | | 35 | 35 | 10 | 2 |
| 72/ 71 | | 1.5 | 2.0 | .9 | .3 | .2 | | .2 | | | | | | | | | | 47 | 47 | 27 | 21 |
| 70/ 69 | .2 | 1.5 | 2.1 | .9 | .2 | .1 | .2 | .1 | | | | | | | | | | 49 | 49 | 29 | 26 |
| 68/ 67 | .4 | .7 | 3.4 | 1.5 | .3 | .1 | | | | | | | | | | | | 59 | 59 | 45 | 33 |
| 66/ 65 | | .8 | 2.9 | 1.0 | .9 | .2 | | | | | | | | | | | | 53 | 53 | 32 | 27 |
| 64/ 63 | | 1.6 | 3.9 | 1.4 | .3 | .2 | .2 | | | | | | | | | | | 71 | 71 | 55 | 35 |
| 62/ 61 | | 2.9 | 4.4 | 1.2 | .3 | | | | | | | | | | | | | 81 | 81 | 63 | 43 |
| 60/ 59 | | 3.1 | 2.8 | 1.5 | 1.0 | .2 | .2 | | | | | | | | | | | 81 | 81 | 86 | 56 |
| 58/ 57 | | 2.3 | 2.5 | 1.4 | .3 | | | | | | | | | | | | | 60 | 60 | 85 | 92 |
| 56/ 55 | | 2.0 | 3.3 | 1.9 | 1.4 | .4 | | | | | | | | | | | | 82 | 82 | 66 | 64 |
| 54/ 53 | | 1.3 | 3.5 | 1.2 | .4 | | | | | | | | | | | | | 59 | 59 | 66 | 58 |
| 52/ 51 | | 1.5 | 3.2 | 1.2 | .3 | .2 | | | | | | | | | | | | 59 | 59 | 53 | 63 |
| 50/ 49 | | 1.2 | 2.7 | .8 | .1 | | | | | | | | | | | | | 44 | 44 | 72 | 81 |
| 48/ 47 | .1 | 1.5 | 1.9 | 1.0 | | | | | | | | | | | | | | 41 | 41 | 64 | 63 |
| 46/ 45 | .1 | 1.3 | 1.2 | .7 | | | | | | | | | | | | | | 30 | 30 | 59 | 52 |
| 44/ 43 | | .5 | 1.7 | .3 | | | | | | | | | | | | | | 24 | 24 | 33 | 53 |
| 42/ 41 | | .3 | .5 | .1 | | | | | | | | | | | | | | 9 | 9 | 26 | 51 |
| 40/ 39 | | .7 | .2 | | | | | | | | | | | | | | | 8 | 8 | 23 | 38 |
| 38/ 37 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 14 | 33 |
| 36/ 35 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 27 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 10 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .9 | 28.0 | 44.4 | 17.8 | 6.1 | 1.9 | .7 | .3 | | | | | | | | | | | 918 | | 918 |
| | | | | | | | | | | | | | | | | | | 918 | | 918 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5761946 | 72068 | 78.5 | 10.661 | 918 | | | | | | | |
| Dry Bulb | 3236068 | 54334 | 59.2 | 8.748 | 918 | | | 21.8 | 5.7 | .1 | | 93 |
| Wet Bulb | 2898755 | 50945 | 55.5 | 8.832 | 918 | | | 11.9 | 1.6 | .1 | | 93 |
| Dew Point | 2607302 | 48058 | 52.4 | 9.985 | 918 | | 1.2 | 8.9 | .8 | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
OCT — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88/ 87 | | | | | | | .1 | .1 | .2 | | | | | | | | | 4 | 4 | | |
| 86/ 85 | | | .2 | | | .2 | | | | | | | | | | | | 4 | 4 | | |
| 84/ 83 | | .1 | | | .2 | .5 | .5 | .1 | .4 | | | | | | | | | 18 | 18 | 1 | |
| 82/ 81 | | | | .3 | .9 | .6 | .5 | .5 | .4 | .2 | | | | | | | | 33 | 33 | 2 | 2 |
| 80/ 79 | | | .2 | 1.2 | 1.1 | 1.6 | .8 | 1.0 | .3 | .2 | .1 | | | | | | | 60 | 60 | | 1 |
| 78/ 77 | | .1 | .5 | 1.3 | 1.0 | 1.8 | 1.6 | .6 | .3 | .2 | .1 | | | | | | | 71 | 71 | 2 | 1 |
| 76/ 75 | | .2 | .8 | .5 | 1.5 | 2.2 | 1.4 | .8 | .3 | .1 | .1 | | | | | | | 73 | 73 | 15 | 1 |
| 74/ 73 | | .1 | 1.2 | 1.0 | 1.5 | 1.5 | 1.0 | .9 | .6 | .3 | .1 | | | | | | | 76 | 76 | 42 | 10 |
| 72/ 71 | .1 | .3 | 1.3 | 1.1 | 2.3 | .9 | 1.6 | 1.0 | .6 | .1 | | | | | | | | 86 | 86 | 38 | 28 |
| 70/ 69 | | .4 | 1.0 | 1.2 | 1.4 | 1.9 | 1.0 | 1.1 | .3 | .1 | | | | | | | | 78 | 78 | 56 | 42 |
| 68/ 67 | | .3 | .9 | 1.5 | .8 | 1.7 | .9 | 1.4 | .3 | | | | | | | | | 72 | 72 | 74 | 28 |
| 66/ 65 | | .5 | 1.1 | 1.4 | 1.6 | .6 | 2.3 | 1.0 | .4 | | | | | | | | | 83 | 83 | 84 | 34 |
| 64/ 63 | | .9 | .9 | 1.1 | 1.0 | 1.6 | 1.7 | .5 | .1 | | | | | | | | | 72 | 72 | 90 | 65 |
| 62/ 61 | .1 | .6 | .3 | .8 | 1.5 | 1.0 | 1.1 | .9 | | | | | | | | | | 58 | 58 | 77 | 56 |
| 60/ 59 | | .2 | .5 | .6 | 1.4 | 1.6 | .8 | .3 | | | | | | | | | | 51 | 51 | 71 | 63 |
| 58/ 57 | | .4 | .9 | .5 | 1.3 | .3 | .5 | | | | | | | | | | | 37 | 37 | 71 | 67 |
| 56/ 55 | | .2 | .3 | .2 | .5 | .9 | .4 | | | | | | | | | | | 24 | 24 | 58 | 52 |
| 54/ 53 | | | .6 | .2 | .3 | .2 | | | | | | | | | | | | 13 | 13 | 79 | 58 |
| 52/ 51 | | .2 | | .3 | | .1 | | | | | | | | | | | | 6 | 6 | 66 | 49 |
| 50/ 49 | | | .2 | .2 | .2 | | | | | | | | | | | | | 6 | 6 | 49 | 46 |
| 48/ 47 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 24 | 44 |
| 46/ 45 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 19 | 55 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 4 | 49 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 4 | 51 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 22 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 25 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 15 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 10 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .2 | 4.7 | 10.9 | 13.7 | 18.4 | 19.4 | 16.2 | 10.1 | 4.5 | 1.3 | .4 | | | | | | | | 927 | | 927 |
| | | | | | | | | | | | | | | | | | | 927 | | 927 | |

WET BULB TEMPERATURE DEPRESSION (F)

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3534379 | 55413 | 59.8 | 15.483 | 927 | | | | | | | |
| Dry Bulb | 4501848 | 64188 | 69.2 | 7.866 | 927 | | | 57.7 | 34.0 | 9.0 | | 93 |
| Wet Bulb | 3458232 | 56154 | 60.6 | 7.821 | 927 | | | 23.1 | 6.2 | .3 | | 93 |
| Dew Point | 2793349 | 49941 | 53.9 | 10.538 | 927 | | 1.4 | 11.3 | 1.5 | .3 | | 93 |

USAFETAC FORM 0-26-5 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
OCT — MONTH
PAGE 1
1200-1400 — HOURS (L.S.T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 91 | | | | | | | .1 | | | .2 | .3 | | | | | | | 6 | 6 | | |
| 90/ 89 | | | | | | | .1 | .3 | .2 | .2 | | .1 | | | | | | 9 | 9 | | |
| 88/ 87 | | | | | | .1 | .4 | .9 | .5 | .1 | .2 | .1 | | | | | | 22 | 22 | | |
| 86/ 85 | | | | .2 | | .4 | 1.2 | 1.3 | 1.1 | 1.1 | 1.4 | .1 | | | | | | 63 | 63 | | |
| 84/ 83 | | | | | .3 | 1.1 | .9 | 1.4 | 1.8 | .6 | .8 | .2 | | .2 | | | | 68 | 68 | | |
| 82/ 81 | | | | .5 | .9 | 1.0 | 1.6 | 3.1 | 1.8 | 1.2 | .9 | .2 | .3 | | | | | 107 | 107 | | |
| 80/ 79 | | .1 | | .4 | .4 | .9 | 1.2 | 2.5 | 1.2 | .9 | .2 | .2 | | | | | | 74 | 74 | 4 | |
| 78/ 77 | | | .2 | .1 | .1 | 1.3 | 1.0 | 2.6 | 1.8 | .8 | .6 | .3 | | | | | | 81 | 81 | 2 | |
| 76/ 75 | | | .1 | .4 | .4 | 1.4 | 1.1 | 1.7 | 1.3 | 1.9 | 1.5 | .1 | | | | | | 93 | 93 | 25 | 5 |
| 74/ 73 | | .1 | .8 | .8 | .2 | .9 | 1.0 | 1.0 | 1.0 | 1.8 | .2 | .1 | | | | | | 72 | 72 | 58 | 6 |
| 72/ 71 | | .2 | .6 | .5 | 1.0 | .8 | .9 | 1.5 | 1.3 | 1.8 | .2 | | | | | | | 82 | 82 | 42 | 16 |
| 70/ 69 | | .3 | .3 | .6 | .5 | .2 | .9 | 1.0 | 2.0 | 1.1 | .1 | | | | | | | 66 | 66 | 68 | 40 |
| 68/ 67 | | .2 | 1.3 | .2 | .4 | .5 | .5 | 1.7 | 1.6 | .9 | | | | | | | | 67 | 67 | 112 | 35 |
| 66/ 65 | | .2 | .1 | .4 | .4 | .2 | .8 | 1.3 | 1.6 | | | | | | | | | 45 | 45 | 89 | 44 |
| 64/ 63 | | .1 | .1 | .5 | .1 | .3 | .5 | .3 | .3 | | | | | | | | | 22 | 22 | 96 | 45 |
| 62/ 61 | | .3 | .1 | | .1 | .2 | | .2 | .2 | | | | | | | | | 11 | 11 | 70 | 71 |
| 60/ 59 | | .2 | .3 | .3 | | .2 | .1 | .3 | | | | | | | | | | 14 | 14 | 63 | 57 |
| 58/ 57 | | .1 | .8 | .1 | .1 | .1 | | .1 | | | | | | | | | | 12 | 12 | 75 | 62 |
| 56/ 55 | | | .2 | | .1 | .3 | | | | | | | | | | | | 7 | 7 | 72 | 67 |
| 54/ 53 | | .2 | .2 | | .1 | | | | | | | | | | | | | 5 | 5 | 65 | 68 |
| 52/ 51 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 51 | 38 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 23 | 56 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 8 | 33 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 7 | 31 |
| | | | | | | | | | | | | | | | | | | | | | 39 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 40 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 61 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 41 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 28 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 23 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 17 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 5 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | |

WET BULB TEMPERATURE DEPRESSION (F)

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|
| | | | | | | |

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
OCT — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | | 2.2 | 5.3 | 5.4 | 5.3 | 9.7 | 12.0 | 21.3 | 17.9 | 12.6 | 6.4 | 1.5 | .3 | .2 | | | | 927 | 927 | 927 | 927 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≤67 F | ≤73 F | ≤80 F | ≤93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2384616 | 44494 | 48.0 | 16.398 | 927 | | | | | | | |
| Dry Bulb | 5301729 | 69753 | 75.2 | 7.572 | 927 | | | 81.3 | 59.7 | 31.7 | | 93 |
| Wet Bulb | 3668645 | 57931 | 62.5 | 7.227 | 927 | | | 30.9 | 8.6 | | | 93 |
| Dew Point | 2706922 | [illegible] | 52.9 | 11.012 | 927 | | 2.5 | 10.2 | 1.1 | | | 93 |

USAFETAC FORM 0-26-5 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
OCT — MONTH
PAGE 1
1500-1700 — HOURS (L.S.T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 91 | | | | | | | | | | | .2 | .2 | | | | | | 4 | 4 | | |
| 90/ 89 | | | | | | | | .1 | .2 | .4 | .1 | .1 | .1 | | | | | 10 | 10 | | |
| 88/ 87 | | | | | | | .1 | .2 | .4 | | .1 | .1 | | | | | | 10 | 10 | | |
| 86/ 85 | | | | .1 | | .4 | .1 | 1.9 | .9 | 1.2 | .9 | .2 | | | | | | 53 | 53 | | |
| 84/ 83 | | | | .2 | .1 | .4 | 1.0 | 1.2 | 1.2 | 1.2 | .6 | .2 | | .1 | | | | 58 | 58 | | |
| 82/ 81 | | | | .1 | .2 | .5 | 1.2 | 2.4 | 1.4 | .9 | .2 | .2 | | .1 | | | | 67 | 67 | | |
| 80/ 79 | | | .1 | .3 | .3 | .6 | 1.8 | 1.8 | 2.6 | .8 | .6 | .5 | .2 | | | | | 89 | 89 | 2 | |
| 78/ 77 | | | .9 | .3 | .9 | .8 | 2.2 | 2.0 | 1.8 | .5 | .2 | .6 | .1 | | | | | 96 | 96 | 1 | 2 |
| 76/ 75 | | .8 | .9 | .2 | .4 | 1.7 | 1.9 | 2.0 | .8 | 1.5 | .4 | | | | | | | 90 | 90 | 13 | 1 |
| 74/ 73 | | .3 | .5 | .5 | .6 | .3 | 1.1 | 1.3 | 1.2 | 1.8 | .5 | .3 | | | | | | 80 | 80 | 35 | 4 |
| 72/ 71 | .1 | .3 | 1.2 | .9 | .6 | 1.6 | .9 | 1.2 | 1.3 | 1.6 | .2 | | | | | | | 92 | 92 | 54 | 23 |
| 70/ 69 | | .2 | .6 | .4 | 1.2 | .6 | 1.0 | 1.8 | 1.9 | 1.1 | | | | | | | | 81 | 81 | 46 | 22 |
| 68/ 67 | .1 | .1 | 1.0 | .5 | .6 | .1 | .1 | 1.4 | 1.6 | 1.4 | | | | | | | | 65 | 65 | 108 | 22 |
| 66/ 65 | | | .1 | .1 | .2 | .4 | .4 | 1.0 | .6 | | | | | | | | | 27 | 27 | 105 | 50 |
| 64/ 63 | | | | .5 | .1 | .4 | .3 | 1.3 | .4 | | | | | | | | | 29 | 29 | 89 | 51 |
| 62/ 61 | | | 1.0 | .2 | .2 | .2 | .6 | .6 | | | | | | | | | | 27 | 27 | 84 | 68 |
| 60/ 59 | | .3 | .3 | .4 | | .2 | .2 | .5 | | | | | | | | | | 19 | 19 | 43 | 55 |
| 58/ 57 | | .1 | .1 | .1 | .3 | .1 | .4 | | | | | | | | | | | 11 | 11 | 83 | 63 |
| 56/ 55 | | .6 | | .4 | .2 | .2 | | | | | | | | | | | | 14 | 14 | 67 | 84 |
| 54/ 53 | | .3 | | | .2 | | | | | | | | | | | | | 5 | 5 | 72 | 70 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 93 | 67 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 39 | 35 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 13 | 23 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 10 | 33 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 40 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 36 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 47 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 48 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 25 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 29 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 21 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

USAFETAC FORM 0-26-(OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| 722265 | MAXWELL AFB AL | 75-84 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 2 — 1500-1700 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | .2 | 2.6 | 8.7 | 5.5 | 6.4 | 8.8 | 12.7 | 20.7 | 16.4 | 12.4 | 4.3 | 2.6 | .4 | .2 | | | | 927 | 927 | 927 | 927 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2492670 | 45318 | 48.9 | 17.302 | 927 | | | | | | | |
| Dry Bulb | 5167175 | 68847 | 74.3 | 7.637 | 927 | | | 79.8 | 55.7 | 25.9 | | 93 |
| Wet Bulb | 3594001 | 57341 | 61.9 | 7.131 | 927 | | | 28.0 | 5.1 | | | 93 |
| Dew Point | 2654862 | 48562 | 52.4 | 10.943 | 927 | | 3.1 | 7.6 | .9 | | | 93 |

USAFETAC FORM 0-26-1 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
OCT — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 90/ 89 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | .1 | | .1 | .1 | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | | | .3 | .4 | .2 | .1 | .2 | | | | | | | | | 12 | 12 | | |
| 80/ 79 | | | .1 | .4 | .4 | .4 | .4 | .2 | .2 | | | | | | | | | 21 | 21 | | |
| 78/ 77 | | | .4 | .8 | 1.2 | .4 | .5 | .3 | | | | | | | | | | 34 | 34 | | |
| 76/ 75 | | .4 | .3 | 1.3 | .8 | 1.7 | 1.3 | .1 | | | | | | | | | | 55 | 55 | 5 | |
| 74/ 73 | .1 | .9 | .5 | 1.2 | 1.9 | 2.2 | .4 | .1 | | .2 | | | | | | | | 70 | 70 | 22 | 9 |
| 72/ 71 | | 1.1 | 2.2 | 1.9 | 2.5 | 1.9 | .9 | | .1 | .2 | | | | | | | | 95 | 95 | 35 | 18 |
| 70/ 69 | | .5 | 1.9 | 2.5 | 2.8 | 2.3 | .6 | .4 | .5 | | | | | | | | | 104 | 104 | 44 | 24 |
| 68/ 67 | .1 | .3 | 2.4 | 1.9 | 2.0 | .4 | .3 | .1 | .1 | | | | | | | | | 72 | 72 | 47 | 37 |
| 66/ 65 | | 1.1 | 1.6 | 2.6 | 2.0 | .9 | 1.2 | .3 | | | | | | | | | | 90 | 90 | 100 | 38 |
| 64/ 63 | | .5 | 1.3 | 1.5 | 1.1 | 2.0 | 1.3 | .1 | | | | | | | | | | 73 | 73 | 101 | 44 |
| 62/ 61 | | | 1.5 | 1.1 | 1.6 | 1.5 | .5 | .2 | | | | | | | | | | 60 | 60 | 91 | 83 |
| 60/ 59 | | .8 | 1.3 | .9 | 1.6 | 1.6 | .9 | | | | | | | | | | | 65 | 65 | 71 | 80 |
| 58/ 57 | | .9 | .8 | .9 | 1.7 | 1.7 | .4 | | | | | | | | | | | 59 | 59 | 72 | 64 |
| 56/ 55 | | .2 | 1.3 | 1.0 | 1.2 | 1.0 | .1 | | | | | | | | | | | 44 | 44 | 53 | 94 |
| 54/ 53 | | .6 | .9 | 1.6 | 1.2 | .5 | | | | | | | | | | | | 43 | 43 | 74 | 65 |
| 52/ 51 | | .1 | .1 | .4 | .8 | | | | | | | | | | | | | 13 | 13 | 68 | 43 |
| 50/ 49 | | .1 | | .4 | .3 | | | | | | | | | | | | | 8 | 8 | 85 | 44 |
| 48/ 47 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 48 | 40 |
| 46/ 45 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 27 | 49 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 12 | 41 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | 35 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 42 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 31 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 36 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 9 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | 7.6 | 16.9 | 20.0 | 23.2 | 18.9 | 9.3 | 2.2 | 1.4 | .4 | | | | | | | | | 927 | | 927 |
| | | | | | | | | | | | | | | | | | | 927 | | 927 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4160392 | 60686 | 65.5 | 14.233 | 927 | | | | | | | |
| Dry Bulb | 4115017 | 61367 | 66.2 | 7.533 | 927 | | | 47.0 | 19.8 | 2.7 | | 93 |
| Wet Bulb | 3305527 | 54911 | 59.2 | 7.556 | 927 | | | 15.3 | 2.7 | | | 93 |
| Dew Point | 2766615 | 49627 | 53.5 | 9.769 | 927 | | .1 | 8.8 | .9 | | | 93 |

USAFETAC FORM 0-26-5-(OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
OCT — MONTH
PAGE 1
2100-2300 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | .2 | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | .3 | | .2 | | | | | | | | | | | | | 3 | 3 | | |
| 78/ 77 | | | .2 | .6 | | | | .2 | | | | | | | | | | 6 | 6 | | |
| 76/ 75 | | | .5 | .8 | .5 | | .5 | | | | | | | | | | | 14 | 14 | 2 | 1 |
| 74/ 73 | .2 | .8 | 1.4 | 2.1 | .8 | .6 | | | | | | | | | | | | 37 | 37 | 5 | 3 |
| 72/ 71 | | 1.9 | 1.4 | 1.6 | 1.0 | .3 | | | | | | | | | | | | 39 | 39 | 22 | 9 |
| 70/ 69 | .2 | 1.1 | 2.1 | 2.5 | 1.8 | .5 | | | | | | | | | | | | 51 | 51 | 24 | 17 |
| 68/ 67 | | .8 | 4.3 | 1.6 | .8 | .2 | .2 | .2 | | | | | | | | | | 50 | 50 | 31 | 29 |
| 66/ 65 | | 1.8 | 3.2 | 3.2 | 1.0 | .2 | | .3 | | | | | | | | | | 60 | 60 | 42 | 18 |
| 64/ 63 | | 2.5 | 3.3 | 2.7 | 1.1 | .6 | .2 | .2 | | | | | | | | | | 67 | 67 | 56 | 33 |
| 62/ 61 | | 1.0 | 3.8 | 1.9 | .5 | .5 | | | | | | | | | | | | 48 | 48 | 67 | 51 |
| 60/ 59 | | 1.1 | 2.4 | 1.3 | 1.9 | 1.3 | .2 | | | | | | | | | | | 51 | 51 | 58 | 54 |
| 58/ 57 | | .3 | 2.4 | 1.8 | 1.8 | .6 | .2 | | | | | | | | | | | 44 | 44 | 55 | 48 |
| 56/ 55 | | 1.3 | 2.5 | 2.1 | 1.0 | .8 | | | | | | | | | | | | 48 | 48 | 33 | 53 |
| 54/ 53 | | 1.0 | 1.4 | 1.6 | .5 | .3 | | | | | | | | | | | | 30 | 30 | 41 | 52 |
| 52/ 51 | | .5 | 2.2 | 1.9 | 1.0 | | | | | | | | | | | | | 35 | 35 | 47 | 31 |
| 50/ 49 | | .8 | 1.0 | 1.6 | .3 | | | | | | | | | | | | | 23 | 23 | 46 | 28 |
| 48/ 47 | | .2 | .6 | 1.4 | | | | | | | | | | | | | | 14 | 14 | 39 | 32 |
| 46/ 45 | | | .6 | | | | | | | | | | | | | | | 4 | 4 | 27 | 42 |
| 44/ 43 | | .2 | .3 | | | | | | | | | | | | | | | 3 | 3 | 21 | 23 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 13 | 34 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 21 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 24 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 19 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 5 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 15.1 | 34.1 | 28.7 | 13.9 | 6.1 | 1.1 | .8 | | | | | | | | | | 628 | 628 | 628 | 628 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3488673 | 46183 | 73.5 | 12.138 | 628 | | | | | | | |
| Dry Bulb | 2477389 | 39151 | 62.3 | 7.643 | 628 | | | 29.8 | 9.0 | .3 | | 93 |
| Wet Bulb | 2113091 | 36097 | 57.5 | 7.903 | 628 | | | 12.4 | 1.0 | | | 93 |
| Dew Point | 1855899 | 33689 | 53.5 | 9.553 | 628 | | .1 | 8.7 | .6 | | | 93 |

USAFETAC FORM 0-26-... (LA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
NOV — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | | .2 | .4 | | | | | | | | | | | | | | 8 | 5 | | |
| 70/ 69 | | .1 | 1.1 | .4 | | | | | | | | | | | | | | 13 | 13 | | |
| 68/ 67 | | 1.4 | 1.7 | .1 | | | | | | | | | | | | | | 26 | 26 | 4 | |
| 66/ 65 | | 2.0 | 1.4 | .4 | | | | | | | | | | | | | | 30 | 30 | 28 | 9 |
| 64/ 63 | .2 | 2.2 | 2.7 | .9 | | | | | | | | | | | | | | 49 | 49 | 38 | 37 |
| 62/ 61 | .2 | 2.2 | 2.2 | .9 | | | | | | | | | | | | | | 45 | 45 | 28 | 29 |
| 60/ 59 | .4 | 1.7 | 3.7 | 1.0 | | | | | | | | | | | | | | 55 | 55 | 52 | 29 |
| 58/ 57 | | 1.4 | 2.3 | 1.2 | .4 | | | | | | | | | | | | | 43 | 43 | 41 | 45 |
| 56/ 55 | | .4 | 3.0 | 1.2 | .4 | .1 | | | | | | | | | | | | 41 | 41 | 45 | 29 |
| 54/ 53 | | 1.2 | 7.3 | .6 | .9 | | | | | | | | | | | | | 41 | 41 | 31 | 37 |
| 52/ 51 | .5 | 1.4 | 2.2 | 1.0 | .4 | | | | | | | | | | | | | 44 | 44 | 48 | 40 |
| 50/ 49 | .2 | 2.2 | 3.0 | 2.0 | .9 | | | | | | | | | | | | | 67 | 67 | 46 | 43 |
| 48/ 47 | .2 | 2.0 | 2.2 | 1.1 | .2 | | | | | | | | | | | | | 47 | 47 | 46 | 37 |
| 46/ 45 | .2 | 2.5 | 2.5 | 1.6 | .4 | | | | | | | | | | | | | 58 | 58 | 57 | 37 |
| 44/ 43 | .1 | 2.0 | 2.8 | 1.7 | .1 | | | | | | | | | | | | | 55 | 55 | 60 | 54 |
| 42/ 41 | .4 | 1.7 | 1.7 | 1.0 | .2 | | | | | | | | | | | | | 41 | 41 | 54 | 50 |
| 40/ 39 | .4 | 1.7 | 1.7 | .1 | .1 | | | | | | | | | | | | | 33 | 33 | 52 | 39 |
| 38/ 37 | .5 | 2.5 | 1.8 | .4 | | | | | | | | | | | | | | 42 | 42 | 51 | 43 |
| 36/ 35 | .5 | 1.4 | 1.1 | .6 | | | | | | | | | | | | | | 29 | 29 | 47 | 62 |
| 34/ 33 | .4 | 1.2 | .7 | | | | | | | | | | | | | | | 19 | 19 | 29 | 48 |
| 32/ 31 | .2 | 1.8 | .5 | | | | | | | | | | | | | | | 21 | 21 | 22 | 53 |
| 30/ 29 | .1 | .2 | | | | | | | | | | | | | | | | 2 | 2 | 24 | 26 |
| 28/ 27 | .1 | .4 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 21 |
| 26/ 25 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 21 |
| 24/ 23 | | .2 | | | | | | | | | | | | | | | | 2 | 3 | | 4 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 2 | 10 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 5 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 4.9 | 33.6 | 41.0 | 16.5 | 3.9 | .1 | | | | | | | | | | | | 813 | 813 | | 813 |
| | | | | | | | | | | | | | | | | | | | | 813 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5118668 | 65840 | 78.5 | 11.409 | 813 | | | | | | | |
| Dry Bulb | 2159996 | 41060 | 50.5 | 10.309 | 813 | | 3.3 | 4.9 | | | | 90 |
| Wet Bulb | 1905241 | 38489 | 47.3 | 10.177 | 813 | | 6.2 | .4 | | | | 90 |
| Dew Point | 1672099 | 35683 | 43.9 | 11.423 | 813 | | 16.1 | | | | | 90 |

USAFETAC FORM 0-26-3 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722205 | MAXWELL AFB AL | 75-84 | NOV |

PAGE 1 — HOURS (L. S. T.): 0900-1100

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80/ 79 | | | | | .1 | .3 | | | | | | | | | | | | 4 | 4 | | |
| 78/ 77 | | | | | .3 | .1 | .3 | | .1 | | | | | | | | | 8 | 8 | | |
| 76/ 75 | | | | .7 | 1.0 | .9 | .6 | .1 | .3 | | | | | | | | | 32 | 32 | | |
| 74/ 73 | | | .2 | 1.2 | .8 | .6 | .3 | .2 | .1 | .1 | | | | | | | | 32 | 32 | | |
| 72/ 71 | | | 1.4 | .7 | 1.1 | .4 | .8 | .3 | | | | | | | | | | 43 | 43 | 2 | |
| 70/ 69 | | | 2.3 | .9 | 1.1 | 1.0 | .4 | .1 | .3 | | | | | | | | | 56 | 56 | 20 | |
| 68/ 67 | | .4 | 2.1 | 1.2 | 1.3 | 1.1 | .2 | .2 | | | | | | | | | | 60 | 60 | 41 | 7 |
| 66/ 65 | | .9 | 1.1 | .9 | 1.4 | .8 | .3 | .2 | .3 | | .1 | | | | | | | 55 | 55 | 50 | 48 |
| 64/ 63 | .2 | .9 | 1.6 | 1.3 | .7 | .8 | .6 | .8 | .2 | | | | | | | | | 63 | 63 | 48 | 40 |
| 62/ 61 | | .8 | 1.2 | 1.0 | .9 | .7 | .0 | .8 | .1 | | | | | | | | | 56 | 56 | 59 | 24 |
| 60/ 59 | | .6 | 1.0 | 1.6 | .7 | .8 | 1.3 | .6 | .2 | | | | | | | | | 60 | 60 | 58 | 55 |
| 58/ 57 | .2 | .2 | 1.6 | 1.3 | 1.4 | 1.0 | .9 | | .1 | | | | | | | | | 61 | 61 | 60 | 44 |
| 56/ 55 | .1 | .3 | 1.3 | .9 | 1.2 | 2.5 | 1.0 | .2 | | | | | | | | | | 68 | 68 | 44 | 40 |
| 54/ 53 | .1 | .9 | 1.1 | 1.0 | 1.6 | .8 | .9 | .2 | | | | | | | | | | 59 | 59 | 47 | 44 |
| 52/ 51 | .1 | .4 | 1.2 | .6 | 2.1 | 1.0 | .7 | | | | | | | | | | | 55 | 55 | 59 | 54 |
| 50/ 49 | .2 | .2 | 1.0 | 1.7 | 1.1 | 1.3 | .1 | .1 | | | | | | | | | | 52 | 52 | 59 | 39 |
| 48/ 47 | | .4 | .4 | 1.3 | 1.6 | .6 | | | | | | | | | | | | 39 | 39 | 72 | 47 |
| 46/ 45 | | .3 | .7 | .7 | 1.6 | .2 | .1 | | | | | | | | | | | 32 | 32 | 61 | 34 |
| 44/ 43 | | .1 | .6 | .7 | .3 | .2 | | | | | | | | | | | | 17 | 17 | 56 | 46 |
| 42/ 41 | | .4 | .6 | .9 | .3 | | | | | | | | | | | | | 20 | 20 | 51 | 25 |
| 40/ 39 | .1 | .3 | .4 | .2 | .3 | | | | | | | | | | | | | 13 | 13 | 45 | 36 |
| 38/ 37 | .1 | | | .1 | .2 | | | | | | | | | | | | | 4 | 4 | 32 | 45 |
| 36/ 35 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 14 | 65 |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 5 | 45 |
| 32/ 31 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 6 | 45 |
| 30/ 29 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 4 | 27 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 29 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 18 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 12 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 7 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|
| | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 1.2 | 7.7 | 20.1 | 19.3 | 21.3 | 15.1 | 9.4 | 3.9 | 1.9 | .1 | .1 | | | | | | | 897 | 897 | 897 | 897 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3754476 | 56012 | 62.4 | 16.932 | 897 | | | | | | | |
| Dry Bulb | 3215183 | 52991 | 59.1 | 9.723 | 897 | | .5 | 23.6 | 7.6 | .1 | | 90 |
| Wet Bulb | 2533022 | 46876 | 52.3 | 9.645 | 897 | | 1.4 | 6.3 | | | | 90 |
| Dew Point | 1991704 | 40702 | 45.4 | 12.713 | 897 | | 16.0 | .7 | | | | 90 |

USAFETAC FORM 0-26-2 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 1
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | .1 | .1 | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | .3 | .2 | .6 | .1 | | .3 | .1 | | | | | | 15 | 15 | | |
| 80/ 79 | | | | | .3 | .9 | .8 | 1.1 | .1 | .3 | .3 | .1 | | | | | | 34 | 34 | | |
| 78/ 77 | | | | .1 | 1.4 | .7 | 1.0 | 1.4 | 1.4 | .6 | .6 | .1 | | | | | | 66 | 66 | | |
| 76/ 75 | | | | .9 | .6 | 1.3 | 2.1 | 1.1 | .6 | .3 | .4 | | | | | | | 66 | 66 | | |
| 74/ 73 | | | | .6 | 1.1 | 1.6 | 1.3 | .7 | .1 | .4 | .2 | | | | | | | 54 | 54 | 2 | |
| 72/ 71 | | | .9 | .3 | .7 | .9 | 1.2 | .9 | | .8 | .3 | | | | | | | 54 | 54 | 6 | |
| 70/ 69 | | | 1.7 | .7 | 1.3 | .6 | 1.1 | 1.2 | 1.0 | 1.2 | .6 | | | | | | | 84 | 84 | 38 | 3 |
| 68/ 67 | | .4 | .6 | 1.2 | .6 | .6 | 1.0 | .8 | 1.1 | .9 | .1 | .1 | | | | | | 66 | 66 | 45 | 8 |
| 66/ 65 | | .6 | .5 | .3 | .7 | .3 | .8 | 1.1 | 1.9 | .6 | .1 | | | | | | | 62 | 62 | 66 | 42 |
| 64/ 63 | | .4 | .4 | .4 | .6 | .6 | 1.2 | .9 | 2.1 | .4 | | | | | | | | 64 | 64 | 72 | 29 |
| 62/ 61 | | .4 | .8 | .7 | .3 | .3 | 1.3 | .7 | .8 | .2 | | | | | | | | 50 | 50 | 75 | 39 |
| 60/ 59 | .1 | .3 | .8 | .2 | .6 | .4 | 1.7 | 1.9 | .8 | .1 | | | | | | | | 62 | 62 | 53 | 43 |
| 58/ 57 | | .1 | 1.1 | .3 | .4 | .6 | 1.0 | 1.4 | .3 | | | | | | | | | 48 | 48 | 54 | 62 |
| 56/ 55 | .2 | .3 | 1.0 | 1.0 | .3 | .3 | 1.0 | .9 | .3 | .1 | | | | | | | | 50 | 50 | 46 | 56 |
| 54/ 53 | .1 | .1 | .4 | | .4 | .8 | .8 | .1 | .2 | | | | | | | | | 27 | 27 | 62 | 27 |
| 52/ 51 | | .2 | .2 | .3 | .1 | 1.0 | .6 | .2 | | | | | | | | | | 24 | 24 | 72 | 50 |
| 50/ 49 | | .1 | .1 | .7 | .3 | .7 | .3 | | | | | | | | | | | 20 | 20 | 63 | 40 |
| 48/ 47 | | .2 | | .1 | .3 | .6 | .2 | | | | | | | | | | | 13 | 13 | 56 | 41 |
| 46/ 45 | | | | .6 | .2 | .2 | | | | | | | | | | | | 9 | 9 | 53 | 29 |
| 44/ 43 | | | .4 | .3 | .3 | .6 | | | | | | | | | | | | 15 | 15 | 36 | 30 |
| 42/ 41 | .1 | .2 | .1 | .2 | .2 | | | | | | | | | | | | | 8 | 8 | 41 | 37 |
| 40/ 39 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 23 | 25 |
| 38/ 37 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 10 | 42 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 8 | 51 |
| 34/ 33 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 6 | 25 |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 53 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 45 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 32 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 33 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 9 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 7 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 10 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 16 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-3 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 4 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .6 | 3.7 | 9.3 | 9.1 | 11.0 | 13.2 | 17.5 | 15.2 | 11.0 | 6.0 | 3.0 | .4 | | | | | | | 897 | | 897 |
| | | | | | | | | | | | | | | | | | | 897 | | 897 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 2587684 | 45056 | 50.2 | 19.032 | 897 |
| Dry Bulb | 3907960 | 58578 | 65.3 | 9.599 | 897 |
| Wet Bulb | 2771158 | 49174 | 54.8 | 9.174 | 897 |
| Dew Point | 1951039 | 40011 | 44.6 | 13.625 | 897 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | .1 | 44.2 | 23.8 | 3.4 | | 90 |
| Wet Bulb | | .4 | 9.1 | .2 | | | 90 |
| Dew Point | | 21.9 | 1.1 | | | | 90 |

USAFETAC FORM 0-26-5 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | | .1 | | .1 | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | | .1 | .5 | .2 | | | | | | | | | 6 | 6 | | |
| 80/ 79 | | | | .2 | .1 | .1 | .7 | .3 | .4 | .3 | .8 | | | | | | | 27 | 27 | | |
| 78/ 77 | | | | | .3 | .3 | 1.3 | .9 | .7 | .7 | .2 | .1 | | | | | | 41 | 41 | | |
| 76/ 75 | | | .3 | .9 | .4 | 1.6 | 1.6 | .7 | .4 | .4 | .2 | | | | | | | 59 | 59 | | |
| 74/ 73 | | | .2 | .8 | .7 | 1.2 | 1.1 | .8 | .4 | .3 | .2 | | | | | | | 52 | 52 | 3 | |
| 72/ 71 | | | .2 | 1.0 | .7 | 1.1 | 1.0 | .9 | .4 | .4 | .7 | | | | | | | 58 | 58 | 8 | |
| 70/ 69 | | .2 | 1.3 | .4 | 1.2 | .8 | .6 | 1.6 | 1.0 | .9 | .3 | | | | | | | 75 | 75 | 21 | 7 |
| 68/ 67 | .2 | .1 | 1.3 | 1.0 | .4 | 1.3 | 1.2 | .6 | .9 | 1.2 | .3 | | | | | | | 78 | 78 | 33 | 8 |
| 66/ 65 | | .8 | 1.1 | .8 | .4 | .6 | 1.3 | .4 | 1.0 | .4 | | | | | | | | 62 | 62 | 61 | 19 |
| 64/ 63 | | .8 | .8 | .3 | .9 | .9 | 1.9 | 1.1 | 1.3 | .7 | | | | | | | | 78 | 78 | 71 | 34 |
| 62/ 61 | .2 | .3 | .8 | .3 | .8 | 1.2 | 1.1 | .9 | 1.1 | .2 | | | | | | | | 63 | 63 | 74 | 45 |
| 60/ 59 | .2 | .1 | .8 | .1 | .4 | 1.0 | .8 | 1.6 | 1.2 | | | | | | | | | 56 | 56 | 55 | 45 |
| 58/ 57 | .2 | .1 | 1.0 | .7 | .8 | .6 | .9 | .8 | .2 | | | | | | | | | 47 | 47 | 63 | 42 |
| 56/ 55 | | .6 | 1.0 | .1 | .0 | 1.0 | 1.8 | .7 | .3 | | | | | | | | | 51 | 51 | 50 | 59 |
| 54/ 53 | .1 | .2 | .7 | .2 | .6 | .6 | 1.0 | .3 | .1 | | | | | | | | | 34 | 34 | 71 | 29 |
| 52/ 51 | .3 | .2 | .3 | | .1 | 1.1 | .8 | | | | | | | | | | | 26 | 26 | 80 | 47 |
| 50/ 49 | .1 | .2 | | .8 | .7 | .7 | .4 | .2 | | | | | | | | | | 28 | 28 | 58 | 51 |
| 48/ 47 | .1 | .1 | | .1 | .7 | .3 | .2 | | | | | | | | | | | 14 | 14 | 55 | 36 |
| 46/ 45 | | | .1 | .4 | .4 | | .1 | | | | | | | | | | | 10 | 10 | 47 | 44 |
| 44/ 43 | .1 | .1 | .4 | .4 | .2 | .3 | | | | | | | | | | | | 15 | 15 | 55 | 38 |
| 42/ 41 | .1 | | | .1 | .3 | .2 | | | | | | | | | | | | 7 | 7 | 30 | 38 |
| 40/ 39 | | | .2 | | .2 | | | | | | | | | | | | | 4 | 4 | 27 | 37 |
| 38/ 37 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 16 | 40 |
| 36/ 35 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 9 | 34 |
| 34/ 33 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 9 | 28 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 46 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 49 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 36 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 21 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 15 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 14 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 21 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-... JUL 64 (1 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
NOV — MONTH

PAGE 2

1500-1700 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 9 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.8 | 3.9 | 10.7 | 9.1 | 20.7 | 14.9 | 17.9 | 12.3 | 9.9 | 5.8 | 2.8 | .1 | | | | | | 897 | 897 | 897 | 897 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 2742466 | 46312 | 51.6 | 19.803 | 897 |
| Dry Bulb | 3777961 | 57603 | 64.2 | 9.361 | 897 |
| Wet Bulb | 2706848 | 48616 | 54.2 | 8.960 | 897 |
| Dew Point | 1919205 | 39711 | 44.3 | 13.412 | 897 |

Mean No. of Hours with Temperature

| | ≤0 F | ≤32 F | ≤67 F | ≤73 F | ≤80 F | ≤93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 40.0 | 18.9 | 2.0 | | 90 |
| Wet Bulb | | .3 | 6.3 | .3 | | | 90 |
| Dew Point | | 21.9 | 1.5 | | | | 90 |

USAFETAC FORM JUL 64 0-26-5 (AI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-84 — YEARS
NOV — MONTH

PAGE 1 — 1800-2000 HOURS (L.S.T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | | .2 | .1 | | .2 | | | | | | | | | | | | 5 | 5 | | |
| 74/ 73 | | | | .8 | .3 | .7 | .1 | | | | | | | | | | | 17 | 17 | | |
| 72/ 71 | | | .9 | .6 | 1.3 | .7 | .2 | .1 | | | | | | | | | | 34 | 34 | 2 | |
| 70/ 69 | | .1 | 2.0 | 1.3 | 2.1 | 1.2 | .6 | | | | | | | | | | | 66 | 66 | 3 | 2 |
| 68/ 67 | | .3 | 1.7 | 1.1 | 1.0 | .4 | .1 | .1 | | | | | | | | | | 43 | 43 | 26 | 2 |
| 66/ 65 | .3 | 1.7 | 1.9 | .8 | 1.0 | .4 | .0 | .2 | | | | | | | | | | 64 | 64 | 30 | 26 |
| 64/ 63 | | 1.3 | 1.7 | 1.2 | 1.8 | .6 | .2 | | | | | | | | | | | 61 | 61 | 64 | 21 |
| 62/ 61 | | 1.1 | 2.7 | .9 | 1.1 | 1.1 | .6 | | | | | | | | | | | 67 | 67 | 64 | 44 |
| 60/ 59 | .4 | .2 | 1.7 | 1.0 | 1.1 | 1.1 | .4 | .4 | | | | | | | | | | 58 | 58 | 64 | 52 |
| 58/ 57 | .3 | .7 | 1.3 | 1.3 | 2.3 | .7 | .0 | | | | | | | | | | | 67 | 67 | 44 | 58 |
| 56/ 55 | .1 | .9 | 1.8 | 1.9 | 1.0 | 1.2 | .4 | | | | | | | | | | | 66 | 66 | 56 | 52 |
| 54/ 53 | .1 | .3 | 1.8 | 1.7 | 1.4 | .7 | .6 | | | | | | | | | | | 59 | 59 | 51 | 47 |
| 52/ 51 | .6 | .7 | .9 | 1.2 | 2.0 | .4 | .2 | | | | | | | | | | | 54 | 54 | 61 | 52 |
| 50/ 49 | | .6 | 1.4 | 1.7 | 1.7 | .7 | .1 | | | | | | | | | | | 55 | 55 | 74 | 37 |
| 48/ 47 | | .7 | 1.3 | 1.4 | 1.4 | .3 | .1 | | | | | | | | | | | 48 | 48 | 47 | 47 |
| 46/ 45 | .1 | .1 | .8 | 1.4 | .9 | .6 | | | | | | | | | | | | 35 | 35 | 63 | 44 |
| 44/ 43 | .4 | | 1.2 | 2.2 | .4 | | | | | | | | | | | | | 39 | 39 | 58 | 36 |
| 42/ 41 | .2 | | .7 | 1.8 | .3 | .1 | | | | | | | | | | | | 28 | 28 | 50 | 43 |
| 40/ 39 | | .1 | .6 | .4 | .2 | | | | | | | | | | | | | 12 | 12 | 46 | 44 |
| 38/ 37 | | | .2 | .4 | | | | | | | | | | | | | | 6 | 6 | 17 | 36 |
| 36/ 35 | | .1 | .6 | .1 | | | | | | | | | | | | | | 7 | 7 | 19 | 46 |
| 34/ 33 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 13 | 40 |
| 32/ 31 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 8 | 47 |
| 30/ 29 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 4 | 38 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 20 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 20 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 13 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 12 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 2.7 | 8.9 | 25.9 | 23.6 | 21.6 | 11.1 | 5.2 | .9 | | | | | | | | | | 897 | 897 | 897 | 897 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≥0 F | ≥32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4182220 | 59718 | 66.6 | 15.180 | 897 | | | | | | | |
| Dry Bulb | 3005399 | 51239 | 57.1 | 9.360 | 897 | | .3 | 16.6 | 2.2 | | | 90 |
| Wet Bulb | 2447103 | 46091 | 51.4 | 9.377 | 897 | | 1.5 | 3.1 | | | | 90 |
| Dew Point | 1984891 | 40843 | 45.5 | 11.820 | 897 | | 15.3 | .4 | | | | 90 |

USAFETAC FORM 0-26-5... (LA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | NOV |

PAGE 1 — 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | | .8 | .2 | .2 | | | | | | | | | | | | | 11 | 11 | | |
| 70/ 69 | | .2 | 1.7 | 1.3 | 1.2 | .3 | | | | | | | | | | | | 43 | 43 | 2 | 1 |
| 68/ 67 | | .6 | 1.8 | 1.0 | 1.3 | .2 | | | | | | | | | | | | 44 | 44 | 18 | 3 |
| 66/ 65 | .1 | 2.1 | 1.7 | 1.7 | .2 | .1 | .1 | | | | | | | | | | | 54 | 54 | 22 | 21 |
| 64/ 63 | .2 | 1.7 | 2.8 | 1.3 | .4 | | | | | | | | | | | | | 56 | 56 | 56 | 18 |
| 62/ 61 | | 1.5 | 2.3 | 1.1 | .6 | .3 | | | | | | | | | | | | 52 | 52 | 45 | 42 |
| 60/ 59 | .1 | 1.0 | 1.3 | .8 | 1.0 | .4 | | | | | | | | | | | | 42 | 42 | 73 | 43 |
| 58/ 57 | .3 | .8 | 2.3 | 1.1 | .7 | .6 | .1 | .1 | | | | | | | | | | 54 | 54 | 46 | 53 |
| 56/ 55 | .1 | .9 | 2.1 | 1.7 | 1.5 | .6 | | .1 | | | | | | | | | | 62 | 62 | 41 | 52 |
| 54/ 53 | .3 | .7 | 3.0 | 1.2 | .9 | .8 | | | | | | | | | | | | 62 | 62 | 38 | 48 |
| 52/ 51 | .8 | 1.0 | 2.1 | 1.2 | 1.0 | .3 | | | | | | | | | | | | 58 | 58 | 62 | 43 |
| 50/ 49 | .3 | 1.1 | 3.0 | 1.6 | 1.2 | .2 | .1 | | | | | | | | | | | 68 | 68 | 45 | 39 |
| 48/ 47 | .2 | 1.6 | 2.5 | 1.5 | .7 | .2 | | | | | | | | | | | | 59 | 59 | 63 | 39 |
| 46/ 45 | | 1.3 | 2.2 | 1.2 | .6 | | | | | | | | | | | | | 48 | 48 | 53 | 54 |
| 44/ 43 | .1 | 1.2 | 1.8 | 1.2 | .8 | | | | | | | | | | | | | 46 | 46 | 72 | 59 |
| 42/ 41 | | .4 | 1.6 | 1.8 | .4 | | | | | | | | | | | | | 38 | 38 | 57 | 50 |
| 40/ 39 | .2 | 1.0 | 1.8 | 1.3 | | | | | | | | | | | | | | 39 | 39 | 36 | 43 |
| 38/ 37 | .2 | 1.1 | 1.6 | .3 | | | | | | | | | | | | | | 29 | 29 | 54 | 46 |
| 36/ 35 | | .2 | .4 | | | | | | | | | | | | | | | 6 | 6 | 44 | 54 |
| 34/ 33 | | .2 | .6 | .1 | | | | | | | | | | | | | | 8 | 8 | 22 | 41 |
| 32/ 31 | | .4 | .7 | | | | | | | | | | | | | | | 10 | 10 | 10 | 41 |
| 30/ 29 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 11 | 31 |
| 28/ 27 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 3 | 25 |
| 26/ 25 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 26 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 4 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 3.2 | 19.4 | 37.9 | 21.9 | 12.8 | 4.1 | .3 | .2 | | | | | | | | | | 896 | 896 | 896 | 896 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 5002124 | 65986 | 73.9 | 13.257 | 896 |
| Dry Bulb | 2664899 | 48049 | 53.6 | 9.932 | 896 |
| Wet Bulb | 2273651 | 44275 | 49.4 | 9.794 | 896 |
| Dew Point | 1934215 | 40349 | 45.0 | 11.461 | 896 |

| Mean No. of Hours with Temperature | ≤0 F | ≤32 F | ≤67 F | ≤73 F | ≤80 F | ≤93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | 1.4 | 10.0 | .9 | | | 90 |
| Wet Bulb | | 2.7 | 2.0 | | | | 90 |
| Dew Point | | 14.6 | .4 | | | | 90 |

USAFETAC FORM JUL 64 0-26-5 (JLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | | | .4 | .3 | | | | | | | | | | | | | 5 | 5 | | |
| 72/ 71 | | | .7 | .7 | | | | | | | | | | | | | | 10 | 10 | | |
| 70/ 69 | | | .4 | .1 | | | | | | | | | | | | | | 4 | 4 | 2 | |
| 68/ 67 | | .1 | .3 | | | | | | | | | | | | | | | 3 | 3 | 9 | 1 |
| 66/ 65 | | .3 | .7 | .3 | | | | | | | | | | | | | | 9 | 9 | 10 | 9 |
| 64/ 63 | | .7 | .7 | .9 | .4 | | | | | | | | | | | | | 19 | 19 | 5 | 11 |
| 62/ 61 | | .4 | .7 | | .1 | | | | | | | | | | | | | 9 | 9 | 12 | 5 |
| 60/ 59 | .1 | 2.3 | 1.0 | .3 | | .1 | | | | | | | | | | | | 27 | 27 | 15 | 14 |
| 58/ 57 | .1 | 1.4 | 1.3 | .3 | .6 | | | | | | | | | | | | | 26 | 26 | 25 | 11 |
| 56/ 55 | .6 | 1.6 | 1.7 | 1.0 | .3 | | | | | | | | | | | | | 36 | 36 | 25 | 30 |
| 54/ 53 | .1 | 1.6 | 1.4 | .9 | .4 | | | | | | | | | | | | | 31 | 31 | 27 | 22 |
| 52/ 51 | | 1.0 | 1.3 | .9 | | | | | | | | | | | | | | 22 | 22 | 20 | 21 |
| 50/ 49 | | 1.6 | 1.7 | .9 | .9 | | | | | | | | | | | | | 35 | 35 | 30 | 22 |
| 48/ 47 | .6 | 1.9 | 1.4 | .9 | .3 | | | | | | | | | | | | | 35 | 35 | 31 | 22 |
| 46/ 45 | .7 | 2.3 | 1.9 | 1.3 | .1 | .1 | | | | | | | | | | | | 45 | 45 | 41 | 26 |
| 44/ 43 | .6 | 1.3 | 2.3 | 1.9 | .3 | | | | | | | | | | | | | 44 | 44 | 34 | 34 |
| 42/ 41 | .3 | 2.0 | 1.1 | .6 | .9 | | | | | | | | | | | | | 34 | 34 | 46 | 30 |
| 40/ 39 | .1 | 1.4 | 2.4 | 1.1 | .3 | | | | | | | | | | | | | 38 | 38 | 37 | 37 |
| 38/ 37 | .3 | 3.0 | 2.3 | 1.4 | .3 | .1 | | | | | | | | | | | | 52 | 52 | 42 | 27 |
| 36/ 35 | .1 | 2.7 | 2.9 | 1.6 | .1 | | | | | | | | | | | | | 52 | 52 | 44 | 34 |
| 34/ 33 | .1 | 4.2 | 2.0 | .4 | .1 | | | | | | | | | | | | | 48 | 48 | 53 | 37 |
| 32/ 31 | .4 | 3.4 | 3.0 | .7 | | | | | | | | | | | | | | 53 | 53 | 57 | 58 |
| 30/ 29 | .7 | .9 | 1.7 | .3 | | | | | | | | | | | | | | 35 | 35 | 37 | 47 |
| 28/ 27 | .4 | 1.0 | .6 | | | | | | | | | | | | | | | 14 | 14 | 28 | 36 |
| 26/ 25 | .1 | .4 | .4 | | | | | | | | | | | | | | | 7 | 7 | 24 | 40 |
| 24/ 23 | .1 | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 9 | 18 |
| 22/ 21 | | .6 | .1 | | | | | | | | | | | | | | | 5 | 5 | 4 | 24 |
| 20/ 19 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 36 |
| 18/ 17 | | .3 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 11 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 2 | 8 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 12 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH

PAGE 2

0600-0800 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E/ S | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 56.7 | 37.2 | 34.4 | 16.9 | 5.5 | .4 | | | | | | | | | | | | 697 | 697 | | 697 |
| | | | | | | | | | | | | | | | | | | 697 | | 697 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4120381 | 52755 | 75.7 | 13.531 | 697 | | | | | | | |
| Dry Bulb | 1450697 | 30781 | 44.2 | 11.456 | 697 | | 14.9 | 3.1 | .13 | | | 93 |
| Wet Bulb | 1259264 | 28578 | 41.0 | 11.214 | 697 | | 25.2 | 1.5 | | | | 93 |
| Dew Point | 1053624 | 25542 | 36.6 | 13.000 | 697 | | 40.3 | .1 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH
PAGE 1
0900-1100 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82/ 81 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | .1 | .2 | | | | | | | | | | | | 3 | 3 | | |
| 78/ 77 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | | .4 | .5 | .4 | | | | | | | | | | | | 10 | 10 | | |
| 74/ 73 | | | .1 | .2 | .6 | .5 | .2 | | | | | | | | | | | 14 | 14 | | |
| 72/ 71 | | | .2 | .2 | .5 | | | .1 | .1 | | | | | | | | | 10 | 10 | 2 | |
| 70/ 69 | | | .1 | .4 | .8 | .2 | | | | | | | | | | | | 13 | 13 | 9 | |
| 68/ 67 | | | .6 | .4 | .7 | .5 | .1 | .1 | | | | | | | | | | 20 | 20 | 9 | 6 |
| 66/ 65 | | .2 | .5 | 1.4 | .4 | .2 | | | | | | | | | | | | 23 | 23 | 14 | 5 |
| 64/ 63 | | .1 | .5 | .5 | .4 | .8 | .5 | | | | | | | | | | | 23 | 23 | 18 | 11 |
| 62/ 61 | | .5 | 1.3 | .8 | .7 | .1 | .1 | .2 | | | | | | | | | | 33 | 33 | 19 | 14 |
| 60/ 59 | .2 | .7 | 1.8 | .9 | .6 | .8 | .2 | | | | | | | | | | | 46 | 46 | 31 | 22 |
| 58/ 57 | .2 | 1.3 | .9 | .2 | 1.1 | .7 | .1 | .1 | | | | | | | | | | 40 | 40 | 37 | 21 |
| 56/ 55 | .1 | .8 | .9 | .5 | 1.5 | .6 | .2 | .1 | | | | | | | | | | 41 | 41 | 40 | 39 |
| 54/ 53 | .1 | .5 | 1.1 | 1.4 | .8 | 1.5 | .5 | | | | | | | | | | | 49 | 49 | 31 | 38 |
| 52/ 51 | .2 | .5 | 1.1 | 1.2 | 2.1 | .9 | .2 | | | | | | | | | | | 53 | 53 | 32 | 22 |
| 50/ 49 | .2 | 1.2 | 1.5 | 2.3 | 1.3 | 1.2 | .4 | .1 | | | | | | | | | | 69 | 69 | 43 | 28 |
| 48/ 47 | .2 | 1.9 | .8 | 2.1 | 1.8 | .6 | .5 | | | | | | | | | | | 67 | 67 | 55 | 22 |
| 46/ 45 | .2 | 1.1 | 2.1 | 2.3 | 1.7 | .9 | .2 | | | | | | | | | | | 72 | 72 | 60 | 31 |
| 44/ 43 | | .6 | 1.4 | 2.8 | 1.2 | .9 | | | | | | | | | | | | 59 | 59 | 63 | 40 |
| 42/ 41 | | .4 | 1.7 | 2.0 | 1.3 | .1 | | | | | | | | | | | | 46 | 46 | 65 | 48 |
| 40/ 39 | .1 | .7 | 2.0 | 1.2 | 1.3 | .2 | | | | | | | | | | | | 47 | 47 | 65 | 43 |
| 38/ 37 | .2 | .2 | .4 | 1.4 | .7 | | | | | | | | | | | | | 25 | 25 | 68 | 38 |
| 36/ 35 | | .6 | .5 | 1.9 | .4 | | | | | | | | | | | | | 28 | 28 | 52 | 55 |
| 34/ 33 | | .4 | .4 | .8 | .4 | | | | | | | | | | | | | 16 | 16 | 40 | 41 |
| 32/ 31 | | .1 | .8 | .7 | | | | | | | | | | | | | | 14 | 14 | 21 | 73 |
| 30/ 29 | .1 | | .4 | .6 | | | | | | | | | | | | | | 9 | 9 | 11 | 32 |
| 28/ 27 | | | .4 | .1 | | | | | | | | | | | | | | 4 | 4 | 12 | 37 |
| 26/ 25 | | | .4 | .1 | | | | | | | | | | | | | | 4 | 4 | 14 | 31 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 5 | 17 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | 23 |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 39 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 22 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 20 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 90 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-3 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH
PAGE 2
0900-1100 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 12 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 2.1 | 11.7 | 22.1 | 26.9 | 20.9 | 11.9 | 3.4 | .8 | .1 | | | | | | | | | | 843 | | 843 |
| | | | | | | | | | | | | | | | | | | 843 | | 843 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3613564 | 53428 | 63.4 | 16.433 | 843 | | | | | | | |
| Dry Bulb | 2246773 | 42549 | 50.5 | 10.863 | 843 | | 3.6 | 8.1 | 3.3 | .1 | | 93 |
| Wet Bulb | 1789888 | 37814 | 44.9 | 10.548 | 843 | | 9.9 | 2.2 | | | | 93 |
| Dew Point | 1354704 | 31822 | 37.7 | 13.501 | 843 | | 35.2 | .7 | | | | 93 |

USAFETAC FORM JUL 64 0-26-5 (JL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH
PAGE 1
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | .2 | .4 | .1 | .2 | | | | | | | | | 8 | 8 | | |
| 80/ 79 | | | | | .1 | .7 | .8 | .4 | | | | | | | | | | 17 | 17 | | |
| 78/ 77 | | | | .1 | | 1.0 | .6 | .8 | | .1 | | | | | | | | 22 | 22 | | |
| 76/ 75 | | | | .1 | .2 | 1.4 | 1.2 | .2 | .1 | .2 | | | | | | | | 30 | 30 | | |
| 74/ 73 | | | | .2 | .1 | 1.1 | 1.0 | .5 | .2 | | .1 | | | | | | | 27 | 27 | | |
| 72/ 71 | | | | | .5 | .4 | .8 | .4 | .1 | .1 | | | | | | | | 19 | 19 | 12 | |
| 70/ 69 | | .1 | .2 | .1 | .5 | .5 | .5 | .4 | .1 | .2 | .2 | | | | | | | 24 | 24 | 12 | 1 |
| 68/ 67 | | | .2 | .2 | .4 | .8 | .4 | .7 | .1 | .4 | | | | | | | | 27 | 27 | 18 | 3 |
| 66/ 65 | | | | .4 | .4 | .5 | 1.1 | .4 | .8 | | | | | | | | | 29 | 29 | 26 | 13 |
| 64/ 63 | | .1 | .6 | 1.1 | .3 | 1.2 | .7 | 1.3 | .5 | .1 | | | | | | | | 51 | 51 | 31 | 13 |
| 62/ 61 | | .6 | .1 | .6 | .6 | .7 | 1.0 | 1.2 | .5 | .1 | | | | | | | | 45 | 45 | 23 | 14 |
| 60/ 59 | .4 | .6 | .7 | .4 | .6 | .8 | 1.4 | 1.6 | .5 | .1 | | | | | | | | 59 | 59 | 45 | 27 |
| 58/ 57 | | .6 | .7 | .2 | .8 | .7 | 2.2 | .7 | .4 | | | | | | | | | 53 | 53 | 26 | 29 |
| 56/ 55 | .1 | .6 | .4 | .6 | .8 | 1.2 | 2.2 | 1.4 | .6 | | | | | | | | | 66 | 66 | 37 | 35 |
| 54/ 53 | .2 | .2 | .6 | .7 | 1.0 | 1.7 | 1.4 | 1.3 | | | | | | | | | | 60 | 60 | 43 | 33 |
| 52/ 51 | .2 | .7 | .7 | 1.1 | 1.1 | 1.1 | 1.4 | .1 | | | | | | | | | | 54 | 54 | 36 | 33 |
| 50/ 49 | .2 | 1.0 | .6 | .7 | .8 | 1.1 | 1.6 | .4 | | | | | | | | | | 53 | 53 | 80 | 30 |
| 48/ 47 | .5 | .2 | 1.0 | .6 | 1.7 | 1.1 | .8 | | | | | | | | | | | 49 | 49 | 55 | 37 |
| 46/ 45 | .2 | .2 | .5 | .7 | .5 | 1.1 | .8 | | | | | | | | | | | 34 | 34 | 67 | 40 |
| 44/ 43 | .1 | .1 | .5 | .7 | 1.2 | 1.4 | .2 | | | | | | | | | | | 36 | 36 | 74 | 28 |
| 42/ 41 | .1 | | | .5 | .7 | .6 | | | | | | | | | | | | 16 | 16 | 57 | 38 |
| 40/ 39 | | .2 | .2 | .4 | 1.0 | .6 | | | | | | | | | | | | 20 | 20 | 50 | 30 |
| 38/ 37 | | .4 | .1 | .1 | .2 | .2 | | | | | | | | | | | | 9 | 9 | 34 | 35 |
| 36/ 35 | | | .4 | .6 | .8 | .1 | | | | | | | | | | | | 16 | 16 | 43 | 38 |
| 34/ 33 | | | | .4 | .4 | | | | | | | | | | | | | 6 | 6 | 24 | 38 |
| 32/ 31 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 13 | 69 |
| 30/ 29 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 10 | 28 |
| 28/ 27 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 14 | 40 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 4 | 27 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 16 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 35 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 40 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 21 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|
| | | | | | | |

USAFETAC FORM 0-26-5 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 21 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 12 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 8 |
| 8/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 2.2 | 5.7 | 7.6 | 10.9 | 14.9 | 20.2 | 20.5 | 11.9 | 4.2 | 1.4 | .4 | | | | | | | 837 | 837 | 837 | 837 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2503159 | 42953 | 51.3 | 18.909 | 837 | | | | | | | |
| Dry Bulb | 2844962 | 47874 | 57.2 | 11.298 | 837 | | .6 | 19.6 | 11.8 | 2.1 | | 93 |
| Wet Bulb | 2043827 | 40431 | 48.3 | 10.423 | 837 | | 4.9 | 4.7 | | | | 93 |
| Dew Point | 1377566 | 31714 | 37.9 | 14.506 | 837 | | 36.9 | .4 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

| Temp. (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | .1 | .1 | .4 | | | | | | | | | | 5 | 5 | | |
| 80/ 79 | | | | | | 1.1 | .1 | .6 | .1 | | | | | | | | | 16 | 16 | | |
| 78/ 77 | | | | | .2 | .6 | .7 | .6 | .1 | | | | | | | | | 19 | 19 | | |
| 76/ 75 | | | | | .4 | 1.0 | .9 | .5 | | | | | | | | | | 22 | 22 | | |
| 74/ 73 | | | | | .1 | .7 | 1.3 | .4 | .1 | | .1 | | | | | | | 23 | 23 | | |
| 72/ 71 | | | | .1 | .1 | 1.2 | .9 | .4 | .1 | .1 | | | | | | | | 24 | 24 | 3 | |
| 70/ 69 | | | | .2 | .4 | 1.0 | .4 | .2 | .1 | .1 | .1 | | | | | | | 21 | 21 | 17 | |
| 68/ 67 | | .1 | .2 | .7 | .1 | .7 | .6 | .9 | .2 | .1 | | | | | | | | 31 | 31 | 11 | 1 |
| 66/ 65 | | .2 | .2 | .4 | 1.0 | .9 | 1.0 | .5 | .7 | .2 | | | | | | | | 42 | 42 | 20 | 10 |
| 64/ 63 | | .4 | .2 | .7 | .1 | .7 | .6 | .5 | 1.0 | | .1 | | | | | | | 36 | 36 | 32 | 12 |
| 62/ 61 | | | 1.0 | .2 | .5 | .9 | .7 | 1.1 | .5 | .4 | | | | | | | | 43 | 43 | 40 | 17 |
| 60/ 59 | .2 | .5 | .5 | 1.2 | .6 | 1.1 | 1.7 | 1.8 | 1.1 | | | | | | | | | 72 | 72 | 30 | 23 |
| 58/ 57 | .7 | .1 | 1.2 | | .4 | .5 | 1.3 | .9 | .7 | | | | | | | | | 48 | 48 | 34 | 26 |
| 56/ 55 | .1 | .6 | .2 | .4 | 1.3 | 1.3 | 1.7 | 1.3 | .2 | | | | | | | | | 60 | 60 | 28 | 43 |
| 54/ 53 | | .2 | .9 | .4 | .7 | 1.2 | 2.6 | .6 | | | | | | | | | | 54 | 54 | 52 | 33 |
| 52/ 51 | | 1.2 | .7 | .1 | .7 | 2.0 | 1.3 | .2 | | | | | | | | | | 52 | 52 | 32 | 27 |
| 50/ 49 | | .4 | .9 | .6 | 1.3 | 1.2 | 1.6 | .4 | | | | | | | | | | 52 | 52 | 51 | 28 |
| 48/ 47 | .6 | .4 | 1.0 | .4 | 1.2 | 1.3 | .6 | .1 | | | | | | | | | | 46 | 46 | 72 | 39 |
| 46/ 45 | .4 | .4 | 1.0 | .4 | .9 | .7 | 1.1 | | | | | | | | | | | 39 | 39 | 44 | 26 |
| 44/ 43 | .2 | .2 | .6 | .2 | .9 | 2.0 | | | | | | | | | | | | 34 | 34 | 74 | 31 |
| 42/ 41 | .1 | .1 | .4 | .2 | 1.0 | .5 | .2 | | | | | | | | | | | 21 | 21 | 72 | 28 |
| 40/ 39 | | .4 | .1 | .1 | 1.1 | .4 | | | | | | | | | | | | 17 | 17 | 37 | 35 |
| 38/ 37 | | | .5 | .1 | .4 | .4 | | | | | | | | | | | | 11 | 11 | 38 | 31 |
| 36/ 35 | | .1 | .6 | .1 | .2 | .1 | | | | | | | | | | | | 10 | 10 | 30 | 33 |
| 34/ 33 | | | | .7 | .4 | | | | | | | | | | | | | 9 | 9 | 32 | 29 |
| 32/ 31 | | | | .4 | .4 | | | | | | | | | | | | | 6 | 6 | 19 | 55 |
| 30/ 29 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 7 | 52 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 11 | 37 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 6 | 32 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 28 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 20 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 41 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 30 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-5 (JUL 64) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH

PAGE 2

1500-1700 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 15 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 6 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.5 | 5.4 | 10.3 | 8.0 | 14.6 | 21.7 | 19.6 | 11.5 | 5.1 | 1.0 | .4 | | | | | | | 816 | 816 | | 816 |
| | | | | | | | | | | | | | | | | | 816 | | | 816 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 2464955 | 41929 | 51.4 | 19.519 | 816 |
| Dry Bulb | 2732693 | 46337 | 56.8 | 11.155 | 816 |
| Wet Bulb | 1961477 | 39115 | 47.9 | 10.302 | 816 |
| Dew Point | 1316263 | 30543 | 37.4 | 14.571 | 816 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | .9 | 18.5 | 9.8 | 1.8 | | 93 |
| Wet Bulb | | 5.4 | 3.5 | | | | 93 |
| Dew Point | | 39.3 | .1 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH

PAGE 1

1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | | | | .1 | | .3 | .1 | | | | | | | | | | 4 | 4 | | |
| 76/ 75 | | | | .3 | .5 | .3 | .1 | | | | | | | | | | | 9 | 9 | | |
| 74/ 73 | | | | .6 | .5 | .1 | | | | | | | | | | | | 11 | 11 | | |
| 72/ 71 | | | .1 | | .5 | .5 | | | | | | | | | | | | 12 | 12 | | |
| 70/ 69 | | | | .1 | .8 | .5 | .3 | | | | | | | | | | | 13 | 13 | 6 | |
| 68/ 67 | | | .3 | 1.6 | .9 | .3 | | | | | | | | | | | | 23 | 23 | 9 | 1 |
| 66/ 65 | | .1 | .8 | 1.9 | .6 | | | | | | | | | | | | | 27 | 27 | 9 | 8 |
| 64/ 63 | | .1 | .5 | 1.6 | 1.2 | .6 | | | | | | | | | | | | 31 | 31 | 19 | 5 |
| 62/ 61 | | .9 | 1.3 | .8 | .5 | .5 | | .1 | | | | | | | | | | 32 | 32 | 31 | 10 |
| 60/ 59 | .3 | .6 | .8 | .6 | .5 | .9 | .1 | | | | | | | | | | | 30 | 30 | 41 | 25 |
| 58/ 57 | .4 | .5 | 1.0 | .5 | .6 | .5 | .1 | .4 | | | | | | | | | | 32 | 32 | 31 | 36 |
| 56/ 55 | .4 | .6 | 1.2 | .6 | 1.4 | .5 | .5 | .3 | | | | | | | | | | 43 | 43 | 31 | 40 |
| 54/ 53 | | .4 | .8 | 1.7 | 1.2 | .5 | .8 | | | | | | | | | | | 41 | 41 | 25 | 23 |
| 52/ 51 | | .3 | 1.7 | 1.7 | 1.6 | 1.4 | | | | | | | | | | | | 50 | 50 | 24 | 24 |
| 50/ 49 | | 2.3 | 1.7 | 1.3 | 1.9 | .8 | | | | | | | | | | | | 62 | 62 | 31 | 28 |
| 48/ 47 | .4 | .6 | 1.3 | 1.6 | 3.9 | .3 | | | | | | | | | | | | 62 | 62 | 71 | 30 |
| 46/ 45 | .4 | .8 | 1.8 | 2.8 | 1.8 | .4 | .1 | | | | | | | | | | | 63 | 63 | 38 | 25 |
| 44/ 43 | .1 | .8 | 1.6 | 2.7 | 1.8 | .3 | | | | | | | | | | | | 56 | 56 | 52 | 34 |
| 42/ 41 | .1 | .4 | .6 | 1.6 | .9 | .3 | | | | | | | | | | | | 30 | 30 | 73 | 41 |
| 40/ 39 | .3 | .9 | 1.2 | .8 | 1.9 | .4 | | | | | | | | | | | | 42 | 42 | 73 | 38 |
| 38/ 37 | | .1 | 1.4 | 2.2 | 1.6 | | | | | | | | | | | | | 41 | 41 | 44 | 33 |
| 36/ 35 | | .1 | .5 | 1.9 | .4 | | | | | | | | | | | | | 23 | 23 | 37 | 45 |
| 34/ 33 | | .5 | 1.2 | .1 | .3 | | | | | | | | | | | | | 16 | 16 | 27 | 27 |
| 32/ 31 | | | | .5 | | | | | | | | | | | | | | 4 | 4 | 48 | 52 |
| 30/ 29 | | .1 | .4 | .3 | .1 | | | | | | | | | | | | | 7 | 7 | 31 | 56 |
| 28/ 27 | | | .4 | .5 | | | | | | | | | | | | | | 7 | 7 | 1 | 43 |
| 26/ 25 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 9 | 33 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 10 | 10 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 31 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 27 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | | | | | |
| Wet Bulb | | | | | | | |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26 JUL 64 (L A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH
PAGE 2
1800-2000 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100/ 99 | | | | | | | | | | | | | | | | | | | | | 5 |
| 99/ 97 | | | | | | | | | | | | | | | | | | | | | 1 |
| 97/ 95 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.3 | 10.2 | 20.6 | 28.4 | 26.2 | 9.1 | 2.3 | .9 | | | | | | | | | | | 772 | | 772 |
| | | | | | | | | | | | | | | | | | | 772 | | 772 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 3291092 | 48904 | 63.3 | 15.828 | 772 |
| Dry Bulb | 2084399 | 39245 | 50.8 | 10.766 | 772 |
| Wet Bulb | 1660393 | 34871 | 45.2 | 10.517 | 772 |
| Dew Point | 1263204 | 29460 | 38.2 | 13.427 | 772 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | 2.3 | 8.7 | 2.9 | | | 93 |
| Wet Bulb | | 12.0 | 1.8 | | | | 93 |
| Dew Point | | 36.0 | .1 | | | | 93 |

USAFETAC FORM 0-26-5 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722265 | MAXWELL AFB AL | 75-84 | DEC |

PAGE 1

2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | | | .3 | | | | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | | .1 | .5 | .3 | .1 | | | | | | | | | | | | 8 | 8 | | |
| 72/ 71 | | | .3 | 1.1 | .3 | .4 | | | | | | | | | | | | 15 | 15 | | |
| 70/ 69 | | .3 | | .5 | .1 | | | | | | | | | | | | | 7 | 7 | 9 | |
| 68/ 67 | | | .7 | .4 | | | | | | | | | | | | | | 8 | 8 | 4 | 8 |
| 66/ 65 | | .4 | 1.4 | .4 | .3 | .1 | | | | | | | | | | | | 20 | 20 | 10 | 3 |
| 64/ 63 | | .1 | 1.4 | .9 | .4 | .3 | | | | | | | | | | | | 24 | 24 | 15 | 6 |
| 62/ 61 | | .9 | 2.4 | 1.1 | .3 | .1 | | | | | | | | | | | | 36 | 36 | 11 | 16 |
| 60/ 59 | | .5 | 1.5 | | .7 | .1 | | | | | | | | | | | | 24 | 24 | 26 | 12 |
| 58/ 57 | | .3 | 1.6 | .5 | .7 | | | | | | | | | | | | | 23 | 23 | 36 | 25 |
| 56/ 55 | .8 | .7 | 1.2 | 1.3 | 1.6 | .3 | .3 | | | | | | | | | | | 46 | 46 | 28 | 39 |
| 54/ 53 | .1 | .3 | 1.2 | 1.1 | .9 | .1 | | | | | | | | | | | | 28 | 28 | 23 | 23 |
| 52/ 51 | | .5 | 1.2 | .9 | 1.2 | .5 | .3 | | | | | | | | | | | 37 | 37 | 16 | 17 |
| 50/ 49 | .3 | 2.6 | 1.8 | 1.3 | 1.1 | .1 | | | | | | | | | | | | 55 | 55 | 37 | 22 |
| 48/ 47 | .7 | 3.0 | 2.0 | 1.8 | 1.1 | .3 | | | | | | | | | | | | 67 | 67 | 59 | 34 |
| 46/ 45 | .4 | .9 | 1.8 | .9 | .8 | | | | | | | | | | | | | 37 | 37 | 62 | 34 |
| 44/ 43 | .3 | 1.1 | 2.4 | 2.9 | .9 | | | | | | | | | | | | | 57 | 57 | 46 | 38 |
| 42/ 41 | | .7 | 2.[illegible] | 2.1 | .3 | | | | | | | | | | | | | 40 | 40 | 39 | 40 |
| 40/ 39 | | 1.7 | 2.9 | 1.3 | .9 | | | | | | | | | | | | | 52 | 52 | 53 | 39 |
| 38/ 37 | .3 | 1.3 | 3.2 | 1.3 | | | | | | | | | | | | | | 46 | 46 | 56 | 42 |
| 36/ 35 | | 1.1 | 1.3 | 2.6 | .5 | | | | | | | | | | | | | 42 | 42 | 56 | 41 |
| 34/ 33 | .1 | .7 | .9 | 2.5 | .1 | | | | | | | | | | | | | 33 | 33 | 38 | 38 |
| 32/ 31 | .1 | 1.7 | .8 | 1.1 | | | | | | | | | | | | | | 28 | 28 | 32 | 46 |
| 30/ 29 | | .4 | .4 | .3 | | | | | | | | | | | | | | 8 | 8 | 49 | 60 |
| 28/ 27 | .1 | .3 | .5 | | | | | | | | | | | | | | | 7 | 7 | 14 | 40 |
| 26/ 25 | .1 | | .7 | .1 | | | | | | | | | | | | | | 7 | 7 | 10 | 30 |
| 24/ 23 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | 5 | 14 |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 15 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 15 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 27 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 18 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 9 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | | | | | |
| Dry Bulb | | | | | |
| Wet Bulb | | | | | |
| Dew Point | | | | | |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

USAFETAC FORM 0-26-[illegible] (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — YEARS
DEC — MONTH
PAGE 2
2100-2300 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 87 T | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 3.3 | 19.7 | 34.6 | 27.2 | 12.2 | 2.5 | .5 | | | | | | | | | | | 761 | 761 | | 761 |
| | | | | | | | | | | | | | | | | | | 761 | | 761 | |

| Element (X) | Σx² | Σx | x̄ | σx | No. Obs. | Mean No. of Hours with Temperature ≥0 F | ≥32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3400023 | 53379 | 70.1 | 14.320 | 761 | | | | | | | |
| Dry Bulb | 1821075 | 36267 | 47.7 | 11.092 | 761 | | 6.6 | 4.9 | 1.2 | | | 93 |
| Wet Bulb | 1524882 | 33050 | 43.4 | 10.854 | 761 | | 15.9 | 1.5 | | | | 93 |
| Dew Point | 1227[illegible]95 | 28901 | 38.0 | 13.064 | 761 | | 14.7 | 1.1 | | | | 93 |

USAFETAC FORM 0-26-5 (L A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-85 — YEARS

| HRS (L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13-05 | MEAN | | | | | 63.2 | 70.8 | 74.0 | 73.1 | 68.2 | 58.2 | | | 68.1 |
| | S.D. | | | | | 6.496 | 4.278 | 2.381 | 2.512 | 5.078 | 9.020 | | | 7.797 |
| | TOTAL OBS | | | | | 219 | 214 | 213 | 219 | 213 | 194 | | | 1276 |
| 06-08 | MEAN | 37.2 | 42.6 | 51.4 | 59.3 | 67.5 | 74.9 | 77.1 | 75.8 | 70.2 | 59.2 | 50.5 | 44.2 | 60.1 |
| | S.D. | 10.664 | 10.096 | 9.880 | 7.308 | 6.104 | 4.581 | 3.648 | 3.278 | 6.208 | 8.748 | 10.309 | 11.456 | 15.469 |
| | TOTAL OBS | 794 | 765 | 869 | 824 | 930 | 891 | 930 | 929 | 900 | 918 | 813 | 697 | 10290 |
| 09-11 | MEAN | 42.6 | 49.5 | 59.8 | 68.6 | 75.9 | 83.4 | 84.9 | 84.0 | 79.1 | 69.2 | 59.1 | 50.5 | 67.5 |
| | S.D. | 10.337 | 10.800 | 9.765 | 7.653 | 6.301 | 4.829 | 5.072 | 4.312 | 6.812 | 7.866 | 9.723 | 10.853 | 16.258 |
| | TOTAL OBS | 888 | 849 | 930 | 899 | 930 | 891 | 929 | 930 | 900 | 927 | 897 | 843 | 10813 |
| 12-14 | MEAN | 48.7 | 56.3 | 65.9 | 74.1 | 80.4 | 87.5 | 89.0 | 88.5 | 84.0 | 75.2 | 65.3 | 57.2 | 72.9 |
| | S.D. | 10.394 | 11.471 | 10.088 | 7.907 | 6.705 | 5.360 | 5.852 | 4.560 | 7.533 | 7.572 | 9.599 | 11.298 | 15.676 |
| | TOTAL OBS | 890 | 849 | 930 | 900 | 930 | 891 | 926 | 930 | 900 | 927 | 897 | 837 | 10807 |
| 15-17 | MEAN | 49.3 | 57.5 | 66.8 | 74.8 | 80.2 | 87.1 | 87.9 | 87.4 | 83.1 | 74.3 | 64.2 | 56.4 | 72.7 |
| | S.D. | 10.182 | 11.194 | 10.022 | 7.712 | 6.444 | 6.019 | 6.926 | 5.588 | 7.649 | 7.637 | 9.381 | 11.155 | 15.279 |
| | TOTAL OBS | 887 | 847 | 930 | 900 | 930 | 890 | 915 | 930 | 900 | 927 | 897 | 816 | 10769 |
| 18-20 | MEAN | 44.0 | 51.6 | 61.0 | 68.3 | 74.6 | 81.4 | 82.4 | 81.4 | 76.4 | 66.2 | 57.1 | 50.8 | 66.6 |
| | S.D. | 9.543 | 9.934 | 9.220 | 7.057 | 5.940 | 5.368 | 5.841 | 4.553 | 6.394 | 7.533 | 9.360 | 10.766 | 14.883 |
| | TOTAL OBS | 881 | 840 | 923 | 881 | 919 | 891 | 909 | 929 | 899 | 927 | 897 | 772 | 10660 |
| 21-23 | MEAN | 41.0 | 47.4 | 56.4 | 62.8 | 69.9 | 76.5 | 78.5 | 77.6 | 72.7 | 62.3 | 53.6 | 47.7 | 60.4 |
| | S.D. | 9.869 | 9.612 | 9.080 | 6.643 | 5.451 | 3.984 | 3.979 | 3.036 | 5.725 | 7.643 | 9.952 | 11.092 | 14.766 |
| | TOTAL OBS | 878 | 839 | 863 | 771 | 606 | 594 | 606 | 620 | 600 | 628 | 896 | 761 | 8662 |
| | MEAN | | | | | | | | | | | | | |
| | S.D. | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 43.9 | 50.9 | 60.4 | 68.2 | 74.6 | 81.6 | 83.2 | 82.3 | 77.5 | 67.7 | 58.4 | 51.4 | 67.0 |
| | S.D. | 11.014 | 11.689 | 11.018 | 9.263 | 8.139 | 7.261 | 7.104 | 6.567 | 8.619 | 9.943 | 11.041 | 12.009 | 16.110 |
| | TOTAL OBS | 5214 | 4989 | 5445 | 5202 | 5464 | 5262 | 5433 | 5487 | 5311 | 5440 | 5297 | 4726 | 63285 |

USAF ETAC FORM OCT 78 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
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# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-85 — YEARS

| HRS (L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 03-05 | MEAN | | | | | 60.2 | 67.3 | 70.6 | 70.2 | 64.2 | 55.0 | | | 64.8 |
| | S. D. | | | | | 6.659 | 4.717 | 2.670 | 2.952 | 6.672 | 9.223 | | | 8.022 |
| | TOTAL OBS | | | | | 219 | 214 | 218 | 219 | 212 | 194 | | | 1276 |
| 06-08 | MEAN | 34.6 | 39.5 | 47.6 | 54.5 | 62.6 | 69.4 | 72.4 | 71.8 | 65.5 | 55.5 | 47.3 | 41.0 | 56.0 |
| | S. D. | 10.904 | 10.221 | 10.044 | 7.564 | 6.005 | 4.525 | 2.827 | 2.893 | 6.574 | 8.832 | 10.177 | 11.214 | 14.877 |
| | TOTAL OBS | 794 | 765 | 869 | 854 | 930 | 890 | 926 | 929 | 900 | 918 | 813 | 697 | 10285 |
| 09-11 | MEAN | 38.1 | 43.5 | 52.2 | 58.9 | 66.1 | 72.4 | 75.5 | 75.1 | 69.6 | 60.6 | 52.3 | 44.9 | 59.3 |
| | S. D. | 10.650 | 10.195 | 9.554 | 7.247 | 5.465 | 4.265 | 2.063 | 2.792 | 6.075 | 7.821 | 9.645 | 10.548 | 14.554 |
| | TOTAL OBS | 887 | 849 | 930 | 899 | 930 | 891 | 923 | 930 | 900 | 927 | 897 | 843 | 10806 |
| 12-14 | MEAN | 41.7 | 46.8 | 54.6 | 60.7 | 67.1 | 72.9 | 76.1 | 76.0 | 70.7 | 62.5 | 54.8 | 48.3 | 61.2 |
| | S. D. | 10.222 | 9.591 | 8.870 | 6.692 | 5.211 | 3.981 | 2.729 | 2.754 | 5.638 | 7.227 | 9.174 | 10.423 | 13.464 |
| | TOTAL OBS | 888 | 849 | 930 | 900 | 930 | 891 | 921 | 930 | 900 | 927 | 897 | 837 | 10800 |
| 15-17 | MEAN | 41.3 | 47.2 | 54.8 | 60.7 | 66.9 | 72.4 | 75.3 | 75.2 | 70.1 | 61.9 | 54.2 | 47.9 | 61.0 |
| | S. D. | 9.846 | 9.206 | 8.628 | 6.410 | 4.884 | 3.881 | 2.849 | 2.799 | 5.404 | 7.131 | 8.960 | 10.302 | 13.100 |
| | TOTAL OBS | 887 | 847 | 930 | 900 | 930 | 890 | 912 | 930 | 899 | 927 | 897 | 816 | 10768 |
| 18-20 | MEAN | 39.0 | 44.6 | 52.4 | 58.6 | 65.3 | 71.2 | 73.9 | 73.8 | 68.3 | 59.2 | 51.4 | 45.2 | 58.9 |
| | S. D. | 9.649 | 9.153 | 8.784 | 6.599 | 5.168 | 3.974 | 2.758 | 2.774 | 5.774 | 7.556 | 9.377 | 10.517 | 13.618 |
| | TOTAL OBS | 881 | 840 | 923 | 881 | 919 | 891 | 906 | 928 | 899 | 927 | 897 | 772 | 10664 |
| 21-23 | MEAN | 37.1 | 42.4 | 50.5 | 56.4 | 63.9 | 69.9 | 72.7 | 72.5 | 66.8 | 57.5 | 49.4 | 43.4 | 55.2 |
| | S. D. | 9.971 | 9.458 | 9.178 | 6.833 | 5.540 | 3.982 | 2.670 | 2.641 | 5.958 | 7.903 | 9.794 | 10.854 | 14.226 |
| | TOTAL OBS | 878 | 839 | 863 | 771 | 606 | 594 | 604 | 620 | 600 | 628 | 896 | 761 | 8660 |
| | MEAN | | | | | | | | | | | | | |
| | S. D. | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 38.8 | 44.1 | 52.1 | 58.4 | 65.2 | 71.3 | 74.3 | 74.0 | 68.4 | 59.5 | 51.6 | 45.3 | 58.9 |
| | S. D. | 10.502 | 9.980 | 9.498 | 7.247 | 5.757 | 4.414 | 3.189 | 3.257 | 6.271 | 8.218 | 9.854 | 10.909 | 14.078 |
| | TOTAL OBS | 5215 | 4989 | 5445 | 5205 | 5464 | 5261 | 5410 | 5486 | 5310 | 5448 | 5297 | 4726 | 63256 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-85 — YEARS

| HRS. (L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 03-05 | MEAN | | | | | 58.0 | 65.2 | 68.8 | 68.6 | 61.5 | 52.3 | | | 62.6 |
| | S. D. | | | | | 7.429 | 5.781 | 3.518 | 3.598 | 8.388 | 10.302 | | | 9.003 |
| | TOTAL OBS | | | | | 214 | 214 | 218 | 219 | 212 | 194 | | | 1276 |
| 06-08 | MEAN | 29.5 | 34.7 | 43.2 | 50.3 | 59.3 | 66.3 | 70.1 | 69.8 | 62.5 | 52.4 | 43.9 | 36.6 | 52.5 |
| | S. D. | 13.769 | 12.592 | 12.102 | 9.477 | 7.153 | 5.716 | 3.411 | 3.311 | 8.151 | 9.985 | 11.423 | 13.000 | 16.472 |
| | TOTAL OBS | 794 | 765 | 869 | 854 | 930 | 890 | 926 | 929 | 900 | 918 | 813 | 697 | 10285 |
| 09-11 | MEAN | 30.7 | 35.7 | 44.5 | 51.0 | 59.8 | 66.7 | 71.3 | 71.1 | 64.3 | 53.9 | 45.4 | 37.7 | 52.9 |
| | S. D. | 14.624 | 13.244 | 12.856 | 10.497 | 7.578 | 6.254 | 3.554 | 3.475 | 7.957 | 10.538 | 12.713 | 13.501 | 16.981 |
| | TOTAL OBS | 887 | 849 | 930 | 899 | 930 | 891 | 923 | 930 | 900 | 927 | 897 | 843 | 10806 |
| 12-14 | MEAN | 31.1 | 35.3 | 43.8 | 50.0 | 58.9 | 65.5 | 70.4 | 70.4 | 63.4 | 52.9 | 44.6 | 37.9 | 52.3 |
| | S. D. | 15.032 | 13.359 | 12.911 | 10.709 | 7.889 | 6.378 | 3.628 | 3.806 | 7.759 | 11.012 | 13.625 | 14.506 | 16.937 |
| | TOTAL OBS | 888 | 849 | 930 | 900 | 930 | 891 | 921 | 930 | 900 | 927 | 897 | 837 | 10800 |
| 15-17 | MEAN | 30.8 | 34.8 | 43.2 | 49.6 | 58.6 | 64.8 | 69.6 | 69.7 | 62.8 | 52.4 | 44.3 | 37.4 | 51.8 |
| | S. D. | 14.846 | 13.384 | 13.090 | 10.602 | 7.735 | 6.439 | 3.797 | 3.852 | 7.604 | 10.943 | 13.412 | 14.571 | 16.813 |
| | TOTAL OBS | 887 | 847 | 930 | 900 | 930 | 890 | 912 | 930 | 899 | 927 | 897 | 816 | 10765 |
| 18-20 | MEAN | 31.0 | 35.7 | 43.8 | 50.6 | 59.4 | 65.7 | 69.9 | 70.1 | 63.5 | 53.8 | 45.5 | 38.2 | 52.6 |
| | S. D. | 13.554 | 12.396 | 12.244 | 9.691 | 7.292 | 5.964 | 3.445 | 3.535 | 7.595 | 9.769 | 11.820 | 13.427 | 16.232 |
| | TOTAL OBS | 881 | 840 | 923 | 881 | 919 | 891 | 906 | 928 | 899 | 927 | 897 | 772 | 10664 |
| 21-23 | MEAN | 30.6 | 35.8 | 44.4 | 50.9 | 59.8 | 66.3 | 70.0 | 70.1 | 63.2 | 53.5 | 45.0 | 38.0 | 50.4 |
| | S. D. | 13.199 | 12.289 | 11.816 | 9.100 | 6.990 | 5.397 | 3.250 | 3.291 | 7.564 | 9.553 | 11.441 | 13.064 | 16.436 |
| | TOTAL OBS | 878 | 839 | 863 | 771 | 606 | 594 | 604 | 620 | 600 | 628 | 896 | 761 | 8660 |
| | MEAN | | | | | | | | | | | | | |
| | S. D. | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 30.6 | 35.3 | 43.8 | 50.4 | 59.2 | 65.8 | 70.2 | 70.1 | 63.2 | 53.1 | 44.8 | 37.7 | 52.4 |
| | S. D. | 14.199 | 12.893 | 12.530 | 10.067 | 7.484 | 6.091 | 3.584 | 3.611 | 7.835 | 10.370 | 12.465 | 13.723 | 16.620 |
| | TOTAL OBS | 5215 | 4989 | 5445 | 5205 | 5464 | 5261 | 5410 | 5486 | 5310 | 5448 | 5297 | 4726 | 63256 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722265 STATION | MAXWELL AFB AL STATION NAME | 76-85 PERIOD | JAN MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 98.4 | 92.4 | 79.6 | 62.2 | 43.7 | 16.5 | 74.9 | 794 |
| | 09-11 | 100.0 | 100.0 | 98.8 | 89.2 | 72.8 | 56.4 | 39.6 | 26.7 | 9.4 | 64.8 | 887 |
| | 12-14 | 100.0 | 99.5 | 86.3 | 65.0 | 48.3 | 34.5 | 25.7 | 15.2 | 5.1 | 53.8 | 888 |
| | 15-17 | 100.0 | 99.3 | 84.8 | 60.7 | 44.5 | 33.0 | 25.3 | 15.3 | 4.8 | 52.5 | 887 |
| | 18-20 | 100.0 | 100.0 | 98.2 | 86.4 | 68.2 | 49.5 | 35.8 | 21.2 | 7.6 | 62.4 | 881 |
| | 21-23 | 100.0 | 100.0 | 99.7 | 94.1 | 82.6 | 65.0 | 45.8 | 27.8 | 9.2 | 68.1 | 878 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 94.6 | 82.3 | 68.1 | 53.0 | 39.1 | 25.0 | 8.8 | 62.8 | 5215 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722265 — STATION
MAXWELL AFB AL — STATION NAME
76-85 — PERIOD
FEB — MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.1 | 94.4 | 83.4 | 63.3 | 36.9 | 10.7 | 74.5 | 765 |
| | 09-11 | 100.0 | 99.9 | 97.9 | 86.9 | 68.0 | 47.9 | 30.7 | 17.4 | 4.5 | 61.1 | 849 |
| | 12-14 | 100.0 | 99.1 | 78.2 | 56.9 | 39.6 | 25.8 | 18.3 | 10.6 | 3.8 | 49.0 | 849 |
| | 15-17 | 100.0 | 97.4 | 70.6 | 49.5 | 33.8 | 24.6 | 17.9 | 10.6 | 3.8 | 46.6 | 847 |
| | 18-20 | 100.0 | 100.0 | 97.1 | 77.1 | 55.6 | 37.9 | 26.2 | 13.9 | 4.3 | 57.1 | 840 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 93.7 | 77.6 | 61.6 | 40.9 | 21.6 | 6.0 | 65.8 | 839 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.4 | 90.6 | 77.2 | 61.5 | 46.9 | 32.9 | 18.5 | 5.5 | 59.0 | 4989 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 PERIOD | MAR MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 98.7 | 94.1 | 81.7 | 64.1 | 35.9 | 8.5 | 74.3 | 869 |
| | 09-11 | 100.0 | 100.0 | 97.7 | 81.6 | 62.3 | 46.8 | 29.5 | 13.3 | 2.6 | 59.1 | 930 |
| | 12-14 | 100.0 | 99.2 | 79.1 | 55.9 | 39.4 | 25.3 | 16.8 | 6.3 | .6 | 47.8 | 930 |
| | 15-17 | 100.0 | 98.5 | 72.3 | 49.1 | 36.3 | 24.6 | 16.7 | 8.3 | 1.1 | 46.1 | 930 |
| | 18-20 | 100.0 | 100.0 | 94.0 | 75.9 | 56.3 | 38.9 | 24.2 | 10.2 | 2.9 | 55.8 | 923 |
| | 21-23 | 100.0 | 100.0 | 99.8 | 94.7 | 81.0 | 62.8 | 38.7 | 17.6 | 4.5 | 65.7 | 863 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.6 | 90.5 | 76.0 | 61.7 | 46.7 | 31.7 | 15.3 | 3.4 | 58.1 | 5445 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 PERIOD | APR MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.3 | 94.4 | 80.8 | 58.1 | 34.0 | 6.8 | 73.1 | 854 |
| | 09-11 | 100.0 | 100.0 | 95.6 | 77.5 | 57.3 | 36.0 | 22.1 | 10.1 | 1.8 | 55.7 | 899 |
| | 12-14 | 100.0 | 99.3 | 76.2 | 52.1 | 32.6 | 20.3 | 12.3 | 5.9 | 1.0 | 45.7 | 900 |
| | 15-17 | 100.0 | 98.4 | 70.6 | 49.3 | 29.4 | 18.2 | 10.6 | 6.2 | .6 | 44.1 | 900 |
| | 18-20 | 100.0 | 100.0 | 96.8 | 79.2 | 56.4 | 35.4 | 18.4 | 9.6 | 1.4 | 55.3 | 881 |
| | 21-23 | 100.0 | 100.0 | 99.6 | 97.1 | 87.3 | 67.2 | 37.6 | 15.3 | 3.2 | 66.3 | 771 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.6 | 89.8 | 75.8 | 59.6 | 43.0 | 26.5 | 13.5 | 2.5 | 56.7 | 5205 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 PERIOD | MAY MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | | | | | | | | | | | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 95.0 | 66.7 | 11.9 | 83.0 | 219 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 97.5 | 89.1 | 72.5 | 39.0 | 4.8 | 75.7 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.1 | 89.2 | 69.7 | 44.1 | 21.7 | 7.2 | .5 | 58.8 | 930 |
| | 12-14 | 100.0 | 100.0 | 91.8 | 68.8 | 43.4 | 21.8 | 10.6 | 3.9 | 1.0 | 49.8 | 930 |
| | 15-17 | 100.0 | 100.0 | 90.8 | 67.5 | 42.9 | 23.4 | 11.9 | 5.4 | .6 | 49.9 | 930 |
| | 18-20 | 100.0 | 100.0 | 98.9 | 91.4 | 74.0 | 48.2 | 25.7 | 10.0 | 1.5 | 60.5 | 919 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.3 | 95.0 | 82.7 | 54.3 | 22.9 | 2.0 | 71.0 | 606 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 97.2 | 88.0 | 74.6 | 58.3 | 41.7 | 22.2 | 3.2 | 64.1 | 5464 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722263 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — PERIOD
JUN — MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | | | | | | | | | | | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 96.7 | 87.4 | 68.2 | 17.8 | 82.7 | 214 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 97.6 | 89.0 | 71.5 | 37.8 | 4.7 | 75.3 | 890 |
| | 09-11 | 100.0 | 100.0 | 98.8 | 92.3 | 73.7 | 43.4 | 15.4 | 3.8 | .2 | 58.3 | 891 |
| | 12-14 | 100.0 | 100.0 | 95.1 | 75.0 | 41.8 | 17.2 | 6.7 | 3.0 | .2 | 49.5 | 891 |
| | 15-17 | 100.0 | 99.9 | 92.5 | 68.5 | 39.2 | 20.4 | 12.1 | 4.6 | .3 | 49.4 | 890 |
| | 18-20 | 100.0 | 100.0 | 99.2 | 90.6 | 73.7 | 48.3 | 27.3 | 11.1 | .2 | 60.7 | 891 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.5 | 95.6 | 81.3 | 57.2 | 22.7 | 1.7 | 71.3 | 594 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 97.9 | 89.4 | 74.4 | 56.6 | 39.7 | 21.6 | 3.6 | 63.9 | 5261 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (PERIOD) JUL (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | | | | | | | | | | | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 93.1 | 67.4 | 20.2 | 83.9 | 218 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 96.4 | 82.6 | 48.9 | 10.7 | 79.3 | 926 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 98.9 | 88.6 | 63.3 | 31.3 | 10.2 | 1.1 | 64.7 | 923 |
| | 12-14 | 100.0 | 100.0 | 99.7 | 89.3 | 59.5 | 32.8 | 13.0 | 3.7 | .8 | 55.6 | 921 |
| | 15-17 | 100.0 | 100.0 | 99.5 | 86.5 | 55.5 | 37.4 | 21.8 | 9.1 | 1.3 | 56.6 | 912 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 97.1 | 85.2 | 66.1 | 43.6 | 21.0 | 4.2 | 67.5 | 906 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 89.2 | 72.2 | 36.9 | 7.3 | 75.9 | 604 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 96.0 | 83.9 | 69.2 | 51.1 | 28.2 | 6.5 | 69.1 | 5410 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — PERIOD
AUG — MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | | | | | | | | | | | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.7 | 79.9 | 26.9 | 85.9 | 219 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 92.7 | 60.3 | 10.2 | 81.7 | 929 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.5 | 94.4 | 69.9 | 30.2 | 7.2 | 1.0 | 65.8 | 930 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 95.1 | 69.6 | 28.5 | 8.0 | 1.9 | .2 | 55.8 | 930 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 93.9 | 64.0 | 32.7 | 17.0 | 7.0 | 1.3 | 57.0 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 93.9 | 75.8 | 46.9 | 19.4 | 2.8 | 69.4 | 928 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 97.6 | 80.6 | 41.5 | 5.5 | 77.8 | 620 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 98.3 | 88.8 | 72.0 | 53.3 | 31.0 | 6.8 | 70.5 | 5486 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722265 STATION | MAXWELL AFB AL STATION NAME | 75-84 PERIOD | SEP MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | | | | | | | | | | | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 98.1 | 97.6 | 95.8 | 84.9 | 55.7 | 6.1 | 79.6 | 212 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 98.7 | 97.4 | 93.1 | 77.9 | 43.3 | 6.1 | 77.2 | 900 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 93.2 | 80.1 | 51.8 | 26.8 | 8.3 | .6 | 61.6 | 900 |
| | 12-14 | 100.0 | 99.8 | 96.2 | 76.7 | 48.9 | 25.4 | 11.1 | 4.6 | .1 | 51.8 | 900 |
| | 15-17 | 100.0 | 99.8 | 94.8 | 74.7 | 47.6 | 29.5 | 17.7 | 5.7 | .2 | 52.5 | 899 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 95.1 | 85.2 | 62.6 | 39.0 | 16.9 | 2.1 | 65.7 | 899 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.7 | 96.7 | 87.7 | 61.8 | 27.5 | 3.5 | 72.9 | 600 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.7 | 90.7 | 79.1 | 63.7 | 45.6 | 23.1 | 2.7 | 65.9 | 5310 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722265 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — PERIOD
OCT — MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | | | | | | | | | | | |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.9 | 84.5 | 57.2 | 8.2 | 80.8 | 194 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.6 | 92.8 | 80.3 | 47.5 | 7.8 | 78.5 | 918 |
| | 09-11 | 100.0 | 100.0 | 98.9 | 88.6 | 69.1 | 45.3 | 25.4 | 12.0 | 1.5 | 59.8 | 927 |
| | 12-14 | 100.0 | 99.5 | 86.8 | 61.7 | 36.0 | 19.4 | 12.4 | 5.7 | .6 | 48.0 | 927 |
| | 15-17 | 100.0 | 99.1 | 87.7 | 63.6 | 38.4 | 21.7 | 13.3 | 8.3 | 1.2 | 48.9 | 927 |
| | 18-20 | 100.0 | 100.0 | 99.5 | 96.7 | 84.7 | 61.7 | 36.5 | 16.8 | 3.6 | 65.5 | 927 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.4 | 95.9 | 85.5 | 61.8 | 30.6 | 5.6 | 73.5 | 628 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 96.1 | 87.1 | 74.6 | 60.6 | 44.9 | 25.4 | 4.1 | 65.0 | 5448 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722265 (STATION) MAXWELL AFB AL (STATION NAME) 75-84 (PERIOD) NOV (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 97.9 | 92.1 | 78.4 | 44.8 | 13.0 | 78.5 | 813 |
| | 09-11 | 100.0 | 99.8 | 98.1 | 88.6 | 73.0 | 53.3 | 33.7 | 17.1 | 3.2 | 62.4 | 897 |
| | 12-14 | 100.0 | 98.9 | 82.5 | 62.7 | 43.8 | 29.5 | 17.1 | 8.4 | 1.9 | 50.2 | 897 |
| | 15-17 | 100.0 | 99.0 | 84.2 | 66.0 | 44.7 | 31.3 | 19.7 | 11.4 | 3.1 | 51.6 | 897 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 95.8 | 85.2 | 62.2 | 39.9 | 19.2 | 5.5 | 66.6 | 897 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 99.3 | 93.8 | 83.3 | 60.8 | 31.4 | 7.8 | 73.5 | 896 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.6 | 94.1 | 85.4 | 73.1 | 58.6 | 41.6 | 22.1 | 5.8 | 63.8 | 5297 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722255 — STATION
MAXWELL AFB AL — STATION NAME
75-84 — PERIOD
DEC — MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | | | | | | | | | | | |
| | 03-05 | | | | | | | | | | | |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.3 | 95.6 | 85.7 | 66.7 | 40.7 | 12.2 | 75.7 | 697 |
| | 09-11 | 100.0 | 100.0 | 99.3 | 91.2 | 76.9 | 52.8 | 33.5 | 17.8 | 5.1 | 63.4 | 843 |
| | 12-14 | 100.0 | 99.2 | 89.0 | 66.2 | 44.9 | 26.2 | 16.6 | 9.9 | 4.4 | 51.3 | 837 |
| | 15-17 | 100.0 | 99.3 | 86.0 | 65.9 | 44.9 | 27.5 | 18.9 | 9.9 | 4.5 | 51.4 | 816 |
| | 18-20 | 100.0 | 100.0 | 99.4 | 93.8 | 76.8 | 52.7 | 33.4 | 14.4 | 4.9 | 63.3 | 772 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.9 | 91.3 | 70.2 | 50.9 | 24.0 | 6.8 | 70.1 | 761 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 95.6 | 85.9 | 71.7 | 52.5 | 36.7 | 19.5 | 6.3 | 62.5 | 4726 |

# PART 5 PRESSURE SUMMARY

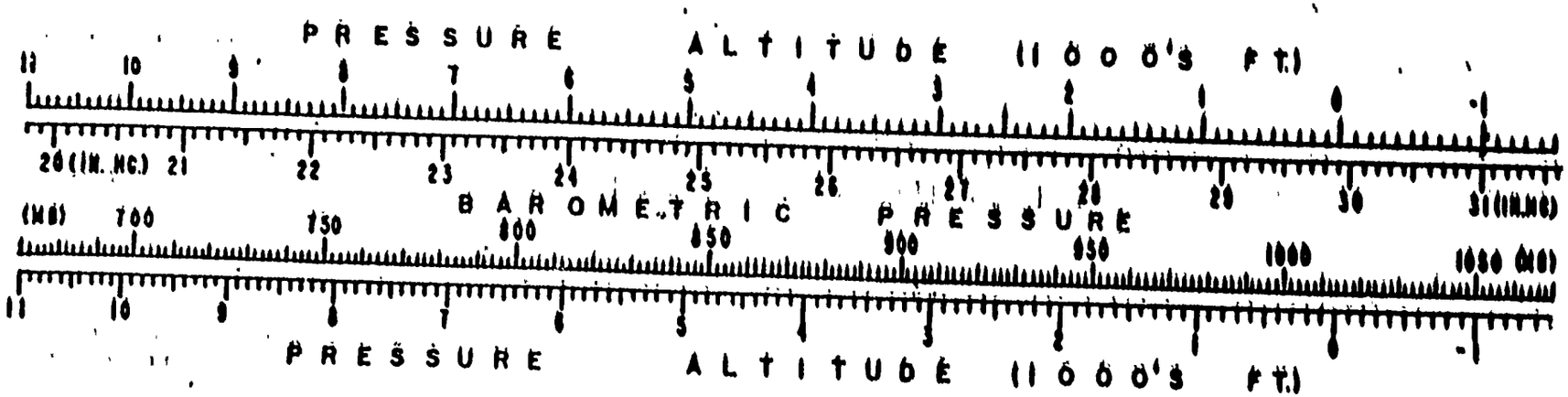
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

| STATION | STATION NAME | YEARS |
|---|---|---|
| 722265 | MAXWELL AFB AL | 75-85 |

| HRS. (L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | | | | | | | | | | | | | |
| | S. D. | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| 03 | MEAN | | | | | | | | | | | | | |
| | S. D. | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | |
| 06 | MEAN | 29.949 | 29.934 | 29.840 | 29.836 | 29.808 | 29.836 | 29.854 | 29.865 | 29.851 | 29.909 | 29.940 | 29.989 | 29.876 |
| | S. D. | .200 | .200 | .204 | .152 | .117 | .085 | .070 | .073 | .103 | .120 | .146 | .183 | .147 |
| | TOTAL OBS | 205 | 199 | 249 | 254 | 310 | 297 | 310 | 310 | 300 | 300 | 215 | 167 | 3116 |
| 09 | MEAN | 30.003 | 29.976 | 29.881 | 29.874 | 29.825 | 29.851 | 29.874 | 29.887 | 29.874 | 29.940 | 29.974 | 30.018 | 29.913 |
| | S. D. | .206 | .195 | .199 | .161 | .117 | .086 | .072 | .075 | .110 | .121 | .153 | .190 | .159 |
| | TOTAL OBS | 296 | 283 | 310 | 299 | 310 | 297 | 310 | 310 | 300 | 302 | 299 | 281 | 3604 |
| 12 | MEAN | 29.959 | 29.944 | 29.847 | 29.843 | 29.800 | 29.825 | 29.848 | 29.858 | 29.842 | 29.895 | 29.923 | 29.969 | 29.878 |
| | S. D. | .201 | .191 | .196 | .156 | .113 | .086 | .071 | .073 | .106 | .115 | .150 | .184 | .153 |
| | TOTAL OBS | 296 | 283 | 310 | 300 | 310 | 297 | 310 | 310 | 300 | 309 | 299 | 279 | 3603 |
| 15 | MEAN | 29.912 | 29.883 | 29.790 | 29.789 | 29.755 | 29.778 | 29.801 | 29.806 | 29.791 | 29.849 | 29.878 | 29.928 | 29.829 |
| | S. D. | .199 | .187 | .190 | .151 | .109 | .083 | .070 | .072 | .098 | .112 | .143 | .178 | .150 |
| | TOTAL OBS | 297 | 283 | 310 | 300 | 310 | 297 | 307 | 310 | 300 | 309 | 299 | 278 | 3600 |
| 18 | MEAN | 29.931 | 29.893 | 29.795 | 29.785 | 29.746 | 29.774 | 29.799 | 29.806 | 29.800 | 29.863 | 29.897 | 29.945 | 29.834 |
| | S. D. | .196 | .185 | .184 | .147 | .108 | .082 | .070 | .069 | .095 | .111 | .143 | .177 | .151 |
| | TOTAL OBS | 294 | 280 | 310 | 300 | 310 | 297 | 303 | 310 | 300 | 309 | 299 | 258 | 3570 |
| 21 | MEAN | 29.952 | 29.918 | 29.830 | 29.816 | 29.783 | 29.807 | 29.834 | 29.846 | 29.835 | 29.893 | 29.921 | 29.965 | 29.865 |
| | S. D. | .199 | .185 | .180 | .146 | .106 | .081 | .070 | .071 | .094 | .111 | .145 | .182 | .148 |
| | TOTAL OBS | 293 | 280 | 300 | 283 | 303 | 297 | 303 | 310 | 300 | 309 | 299 | 254 | 3531 |
| ALL HOURS | MEAN | 29.951 | 29.924 | 29.830 | 29.824 | 29.786 | 29.812 | 29.835 | 29.845 | 29.832 | 29.891 | 29.921 | 29.968 | 29.866 |
| | S. D. | .202 | .193 | .194 | .156 | .115 | .088 | .075 | .078 | .105 | .119 | .150 | .185 | .154 |
| | TOTAL OBS | 1681 | 1603 | 1789 | 1736 | 1853 | 1782 | 1843 | 1860 | 1800 | 1845 | 1710 | 1517 | 21024 |